

Fig. 1

V=2	P	PI=SR=200	Length
SSRC of sender			
NTP Timestamp (Network time)			
NTP Timestamp			
RTP Timestamp (Network time in RTP units)			
Sender's packet count			
Sender's octet count			
SSRC of first source			
Cumulative number of packets lost			
Extended highest sequence number received			
Interarrival jitter			
Last SR			
Delay since last SR			

Fig. 4

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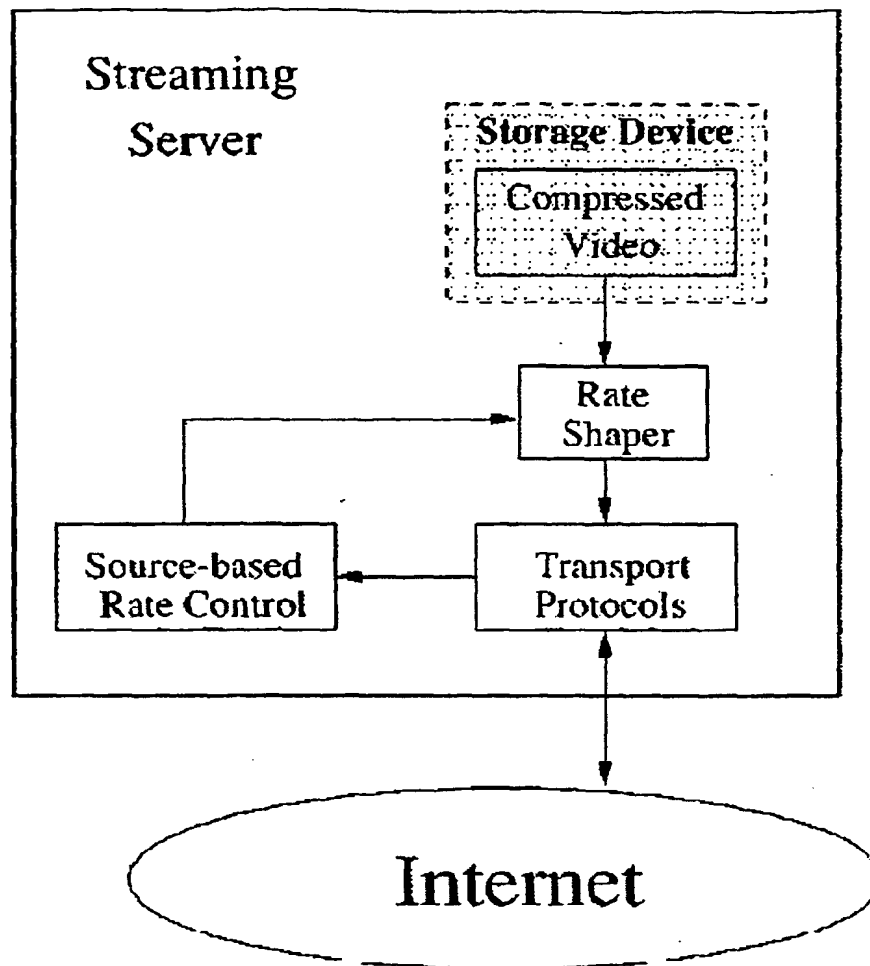


Fig. 2



Fig. 3

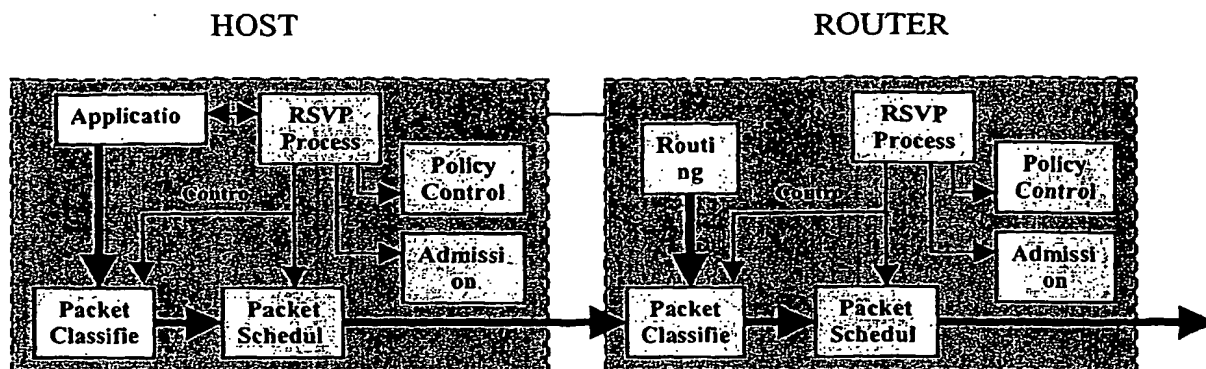


Fig. 5

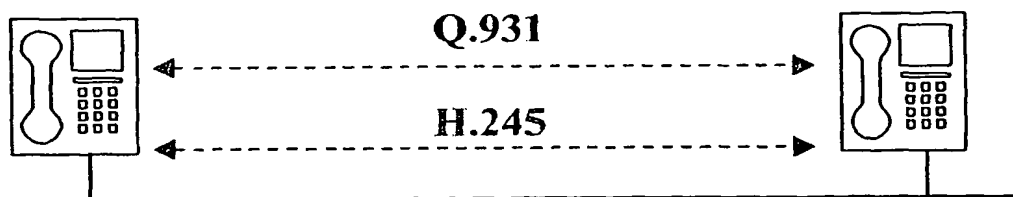


Fig. 6

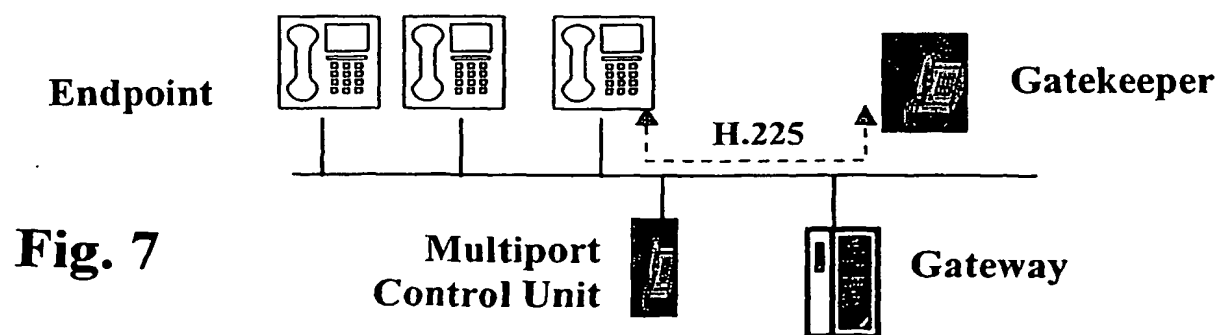
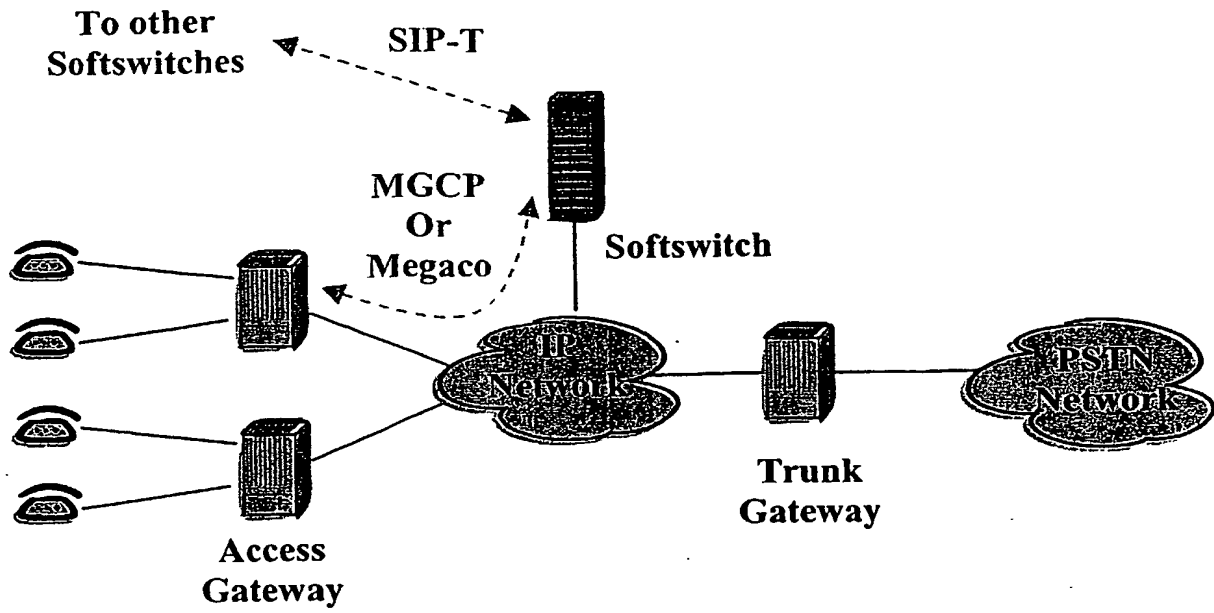
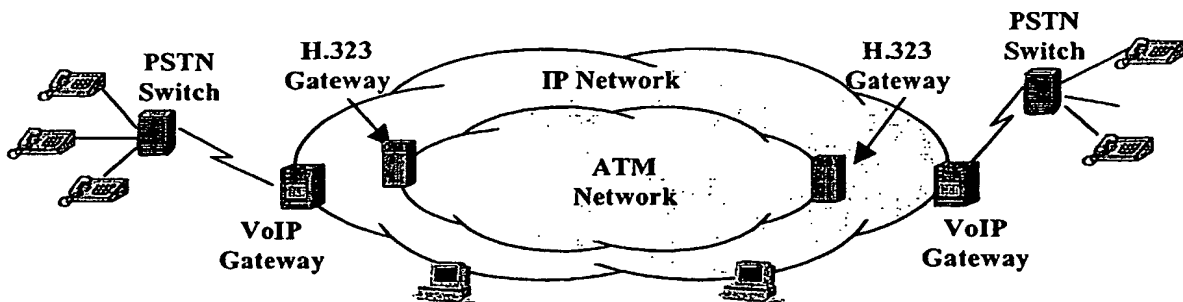


Fig. 7

**Fig. 8****Fig. 9**

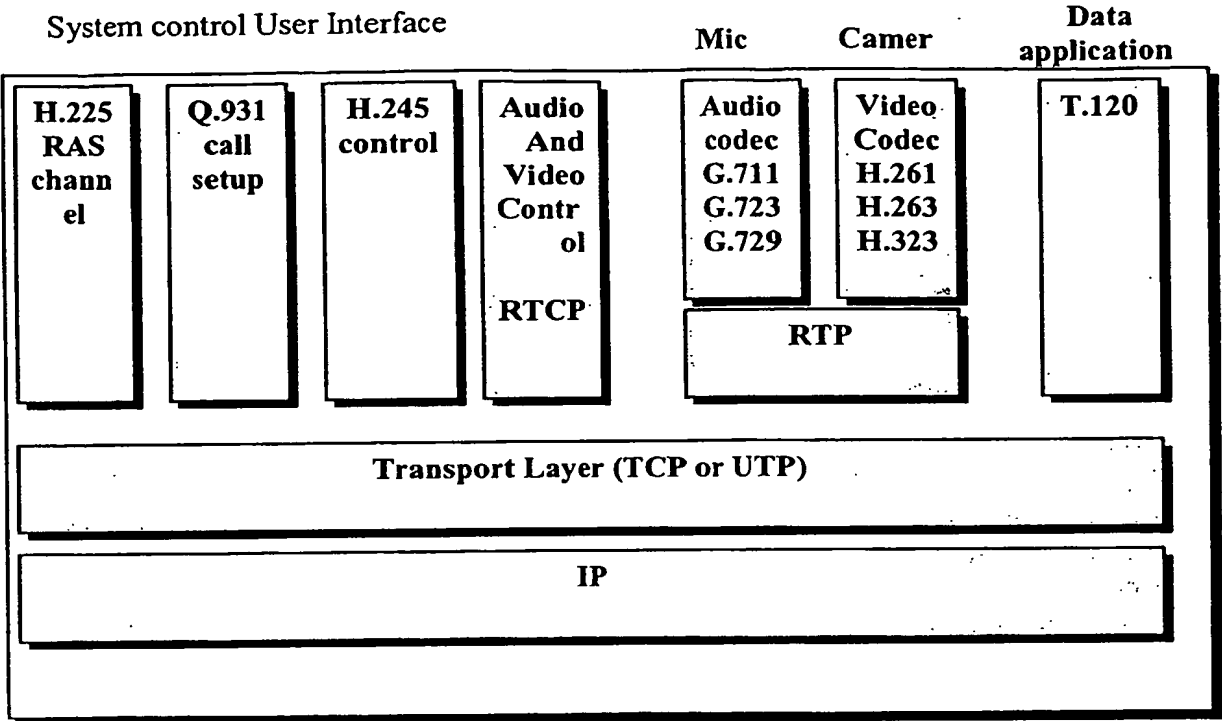


Fig. 10

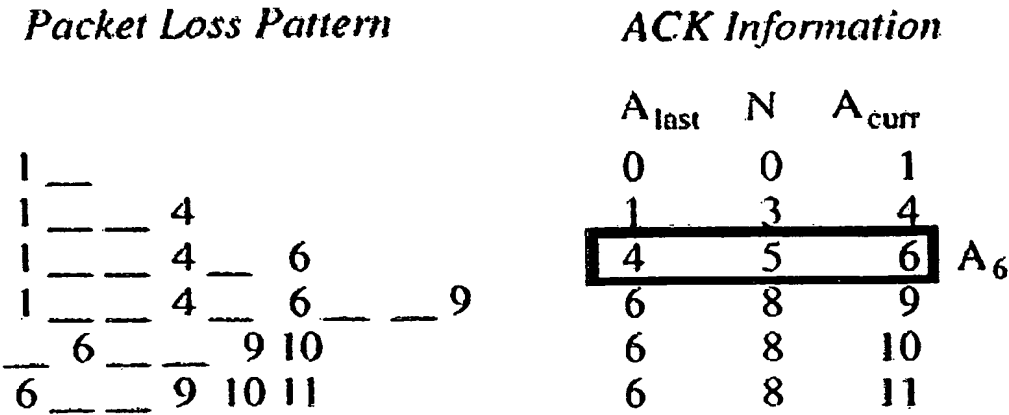
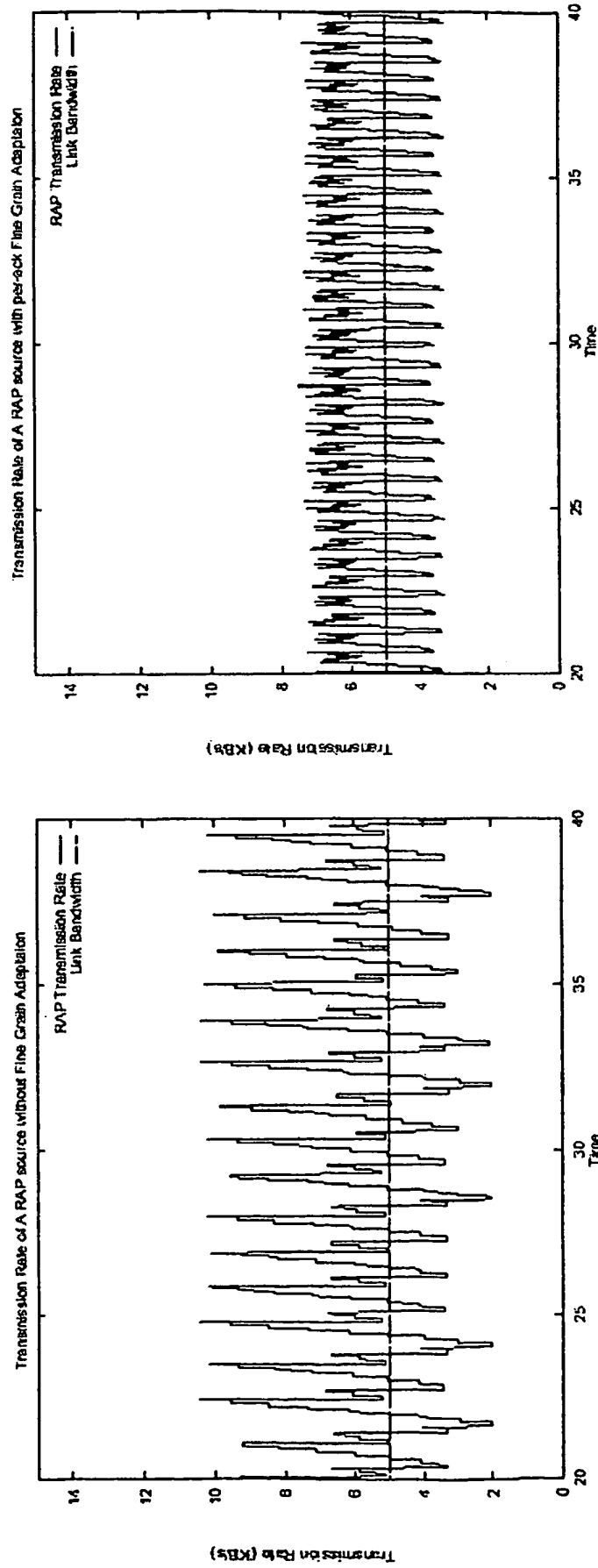


Fig. 11



(a) Transmission rate of a single RAP flow without fine grain rate adaptation

(b) Transmission rate of a single RAP flow with per-ack fine grain rate adaptation

Fig. 12

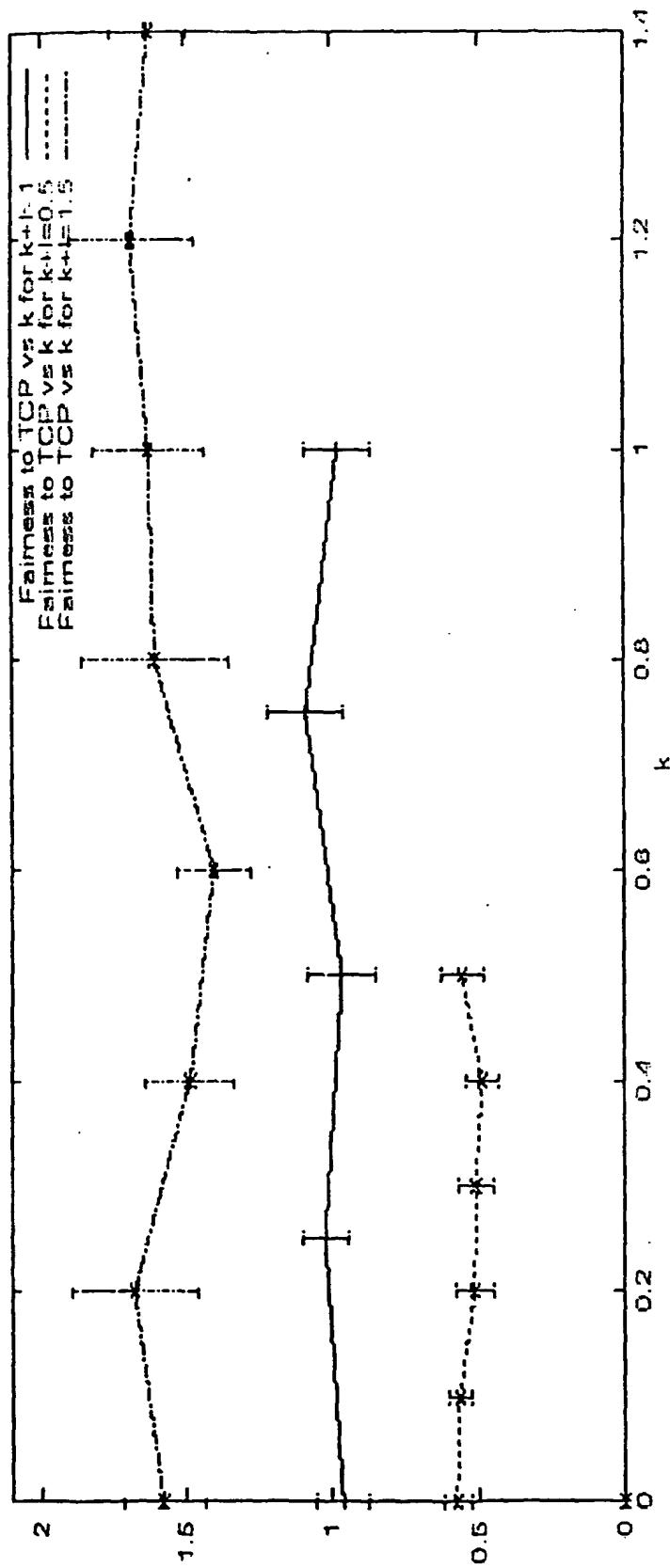


Fig. 13

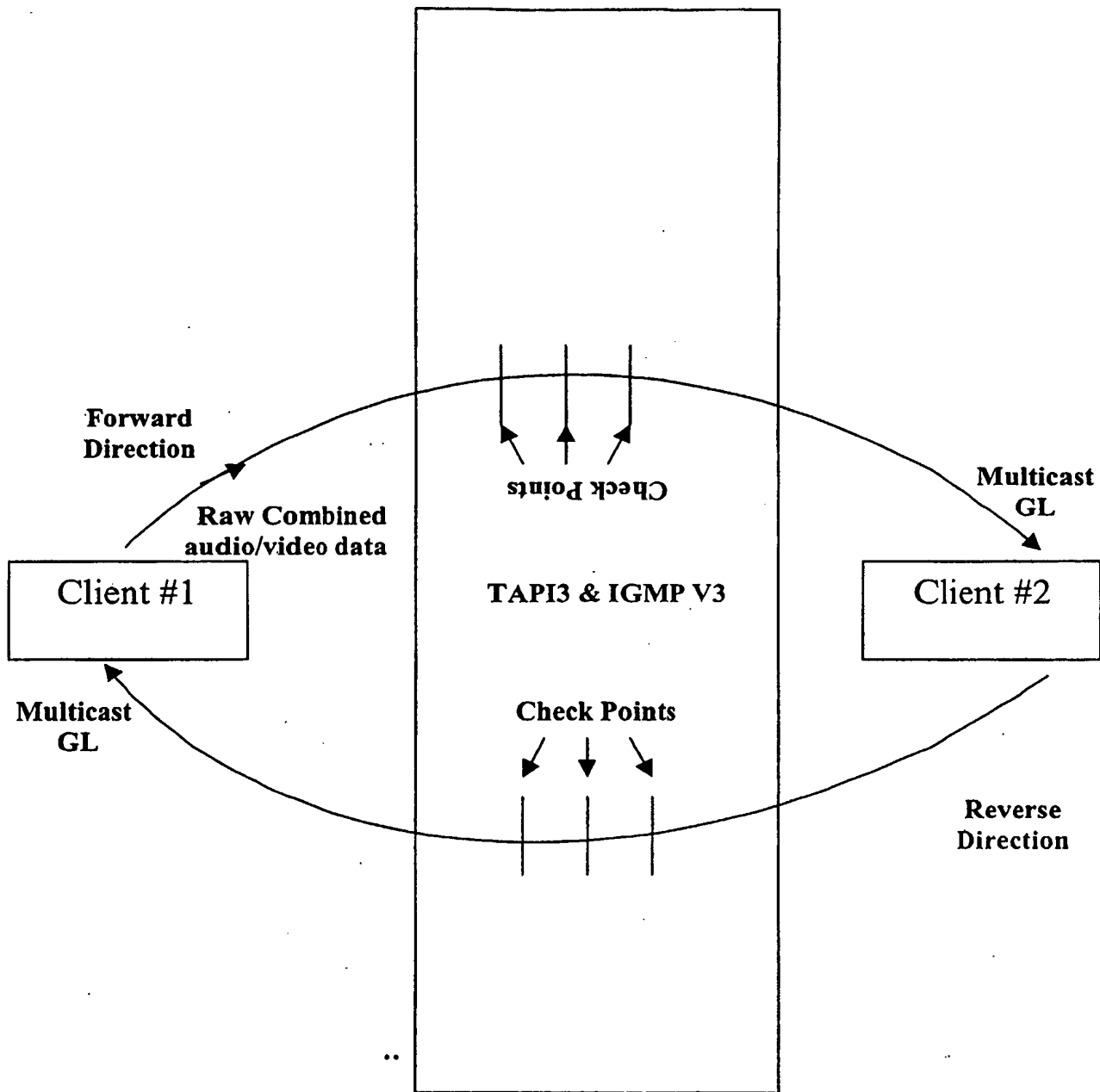


Fig. 14

Group	Unicast (%)		Multicast (%)		System Resources (%)	
	CPU/RAM	OS	CPU/RAM	OS	Unicast	Multicast
1 - 1	30	25	-	-	55	-
1 - 2	60	25	26	25	85	27.6
1 - 3	90	25	31	25	100	28.1
1 - 4	N/A	25	-	25	N/A	-
1 - 5	N/A	25	-	25	N/A	-
1 - 6	N/A	25	10	25	N/A	35
1 - 7	N/A	25	10	25	N/A	35
1 - 8	N/A	25	10	25	N/A	35
1 - 9	N/A	25	10	25	N/A	35
1 - 10	N/A	25	10	25	N/A	35
1 - 128	N/A	25	10	25	N/A	35.7-71

Fig. 15

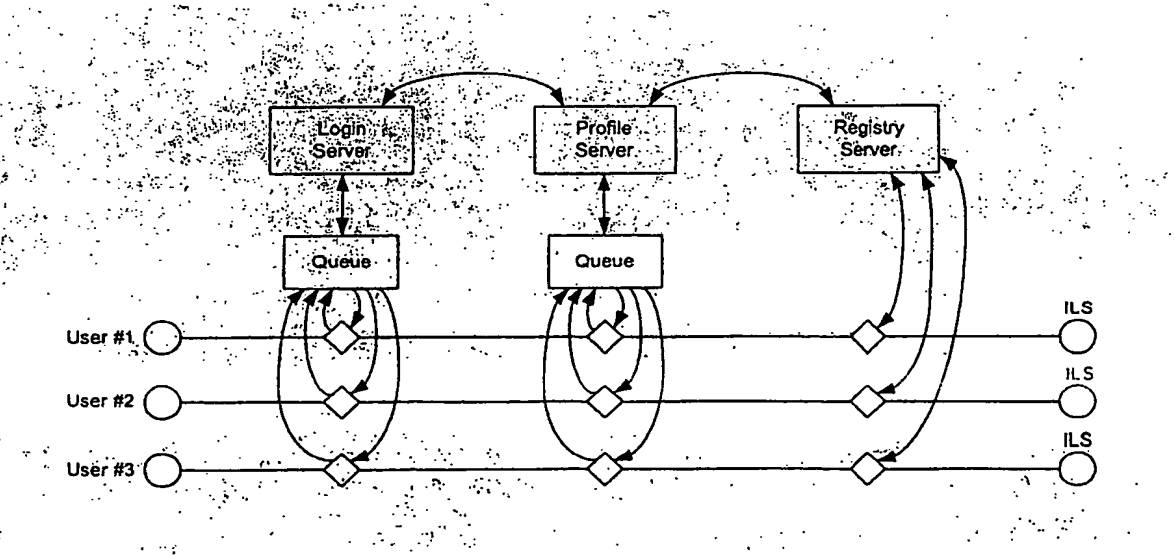
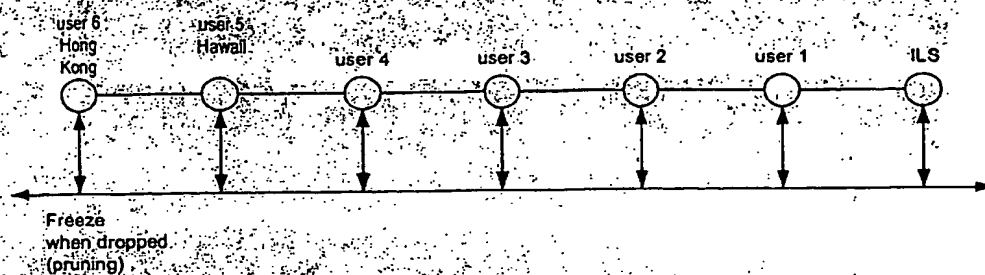
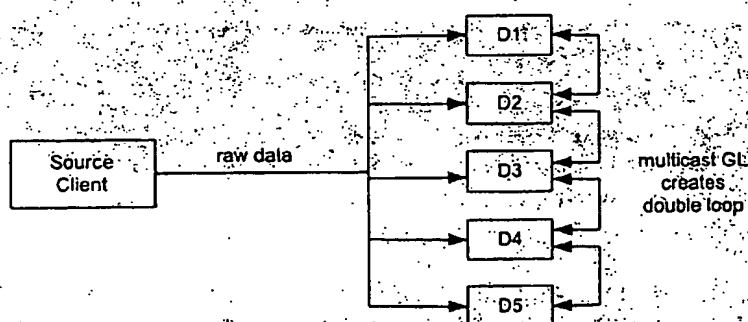
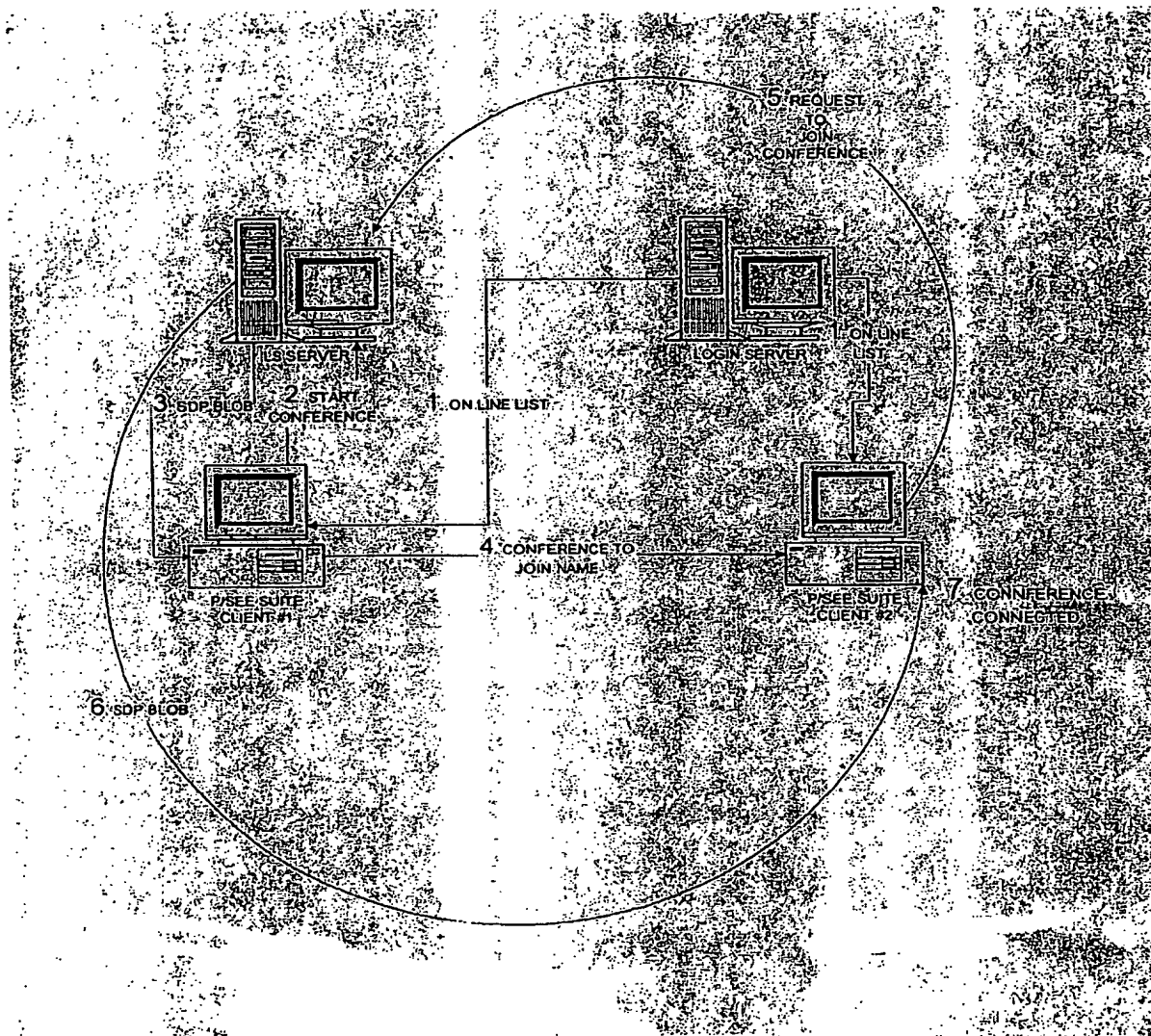
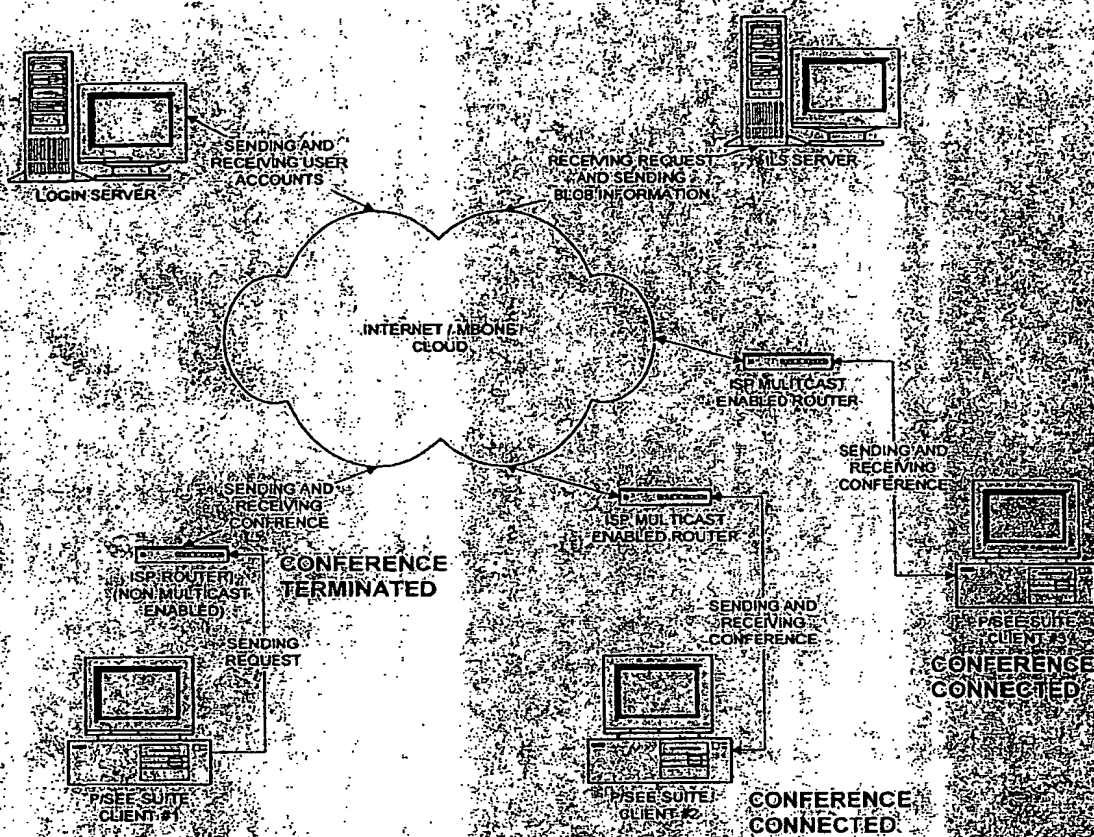


Fig. 16

**Fig. 17****Fig. 19**

**Fig. 18**

**Fig. 20**

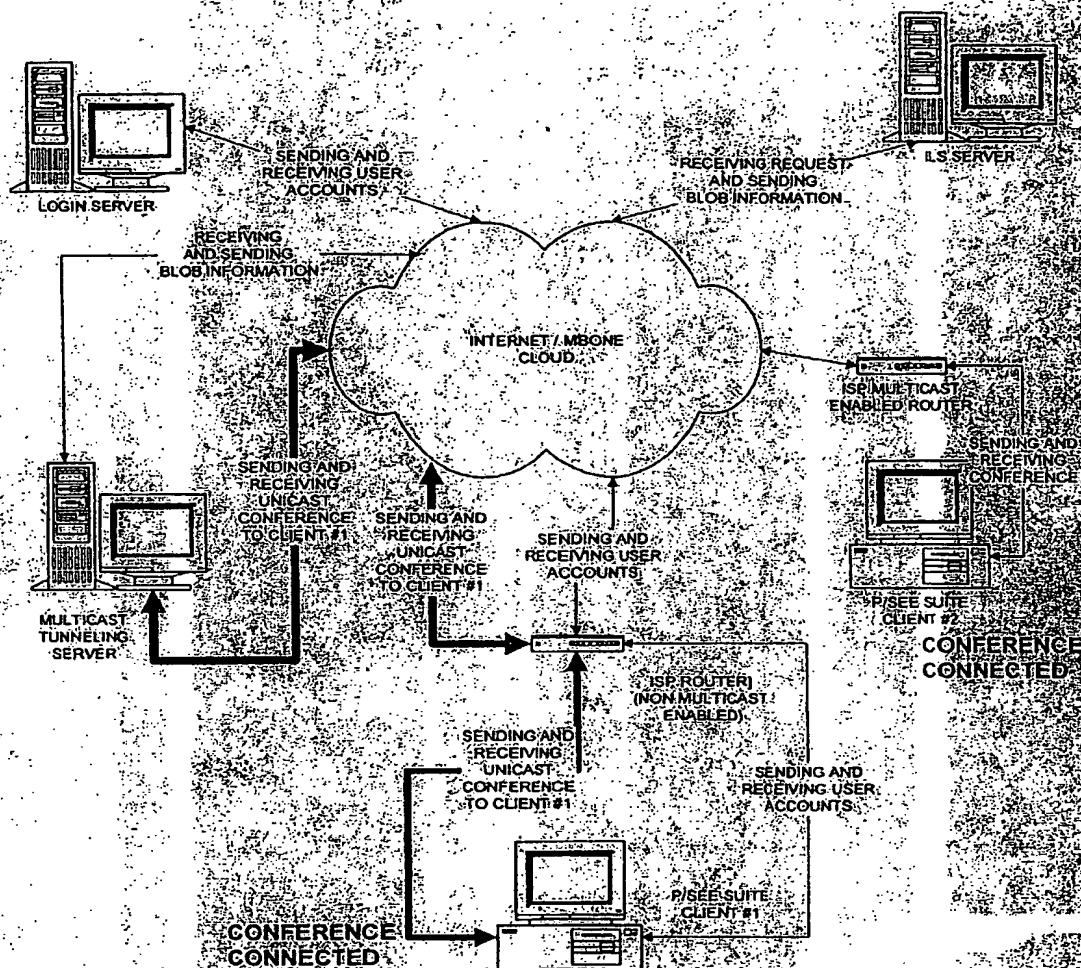


Fig. 21

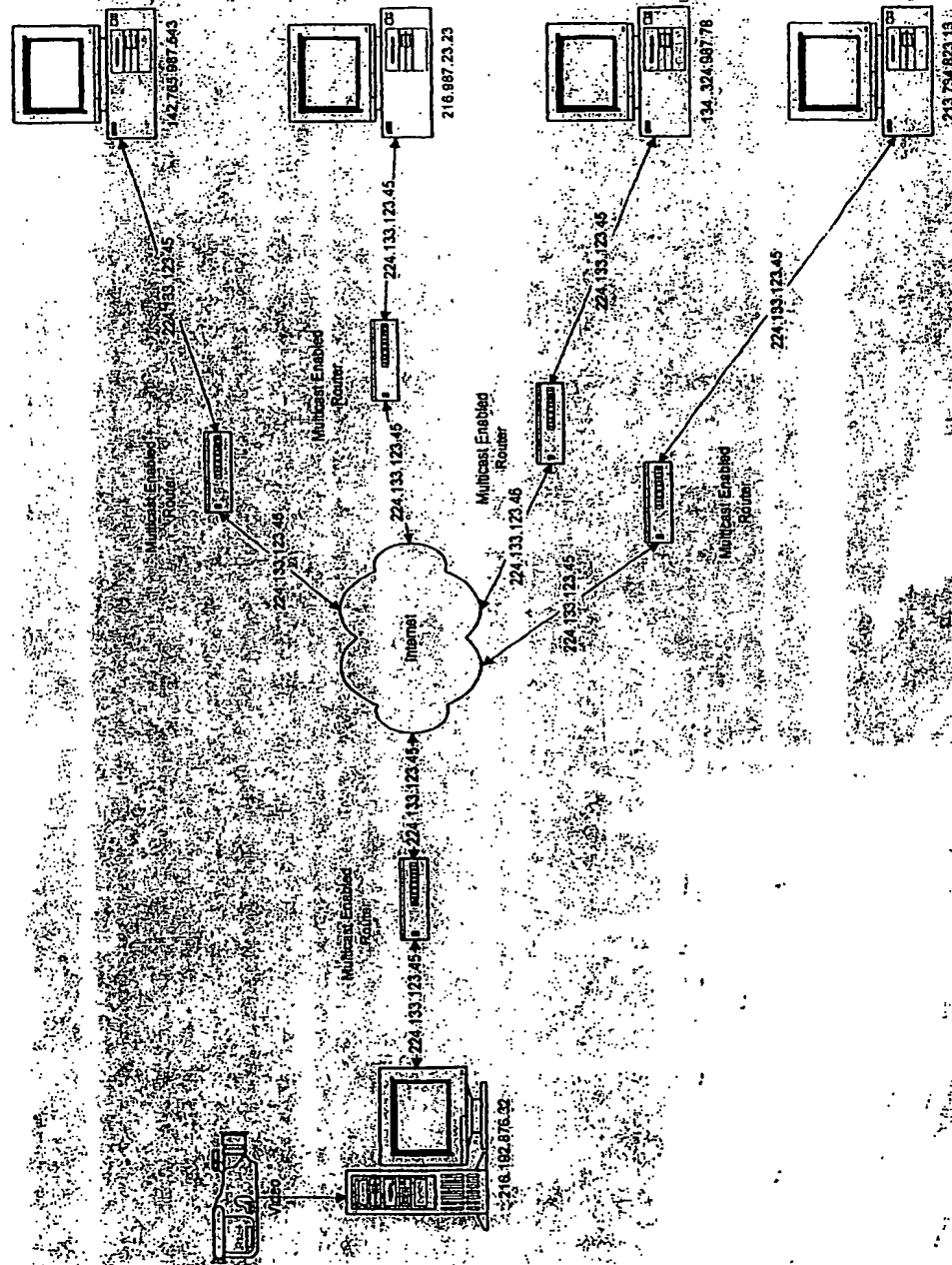


Fig. 22

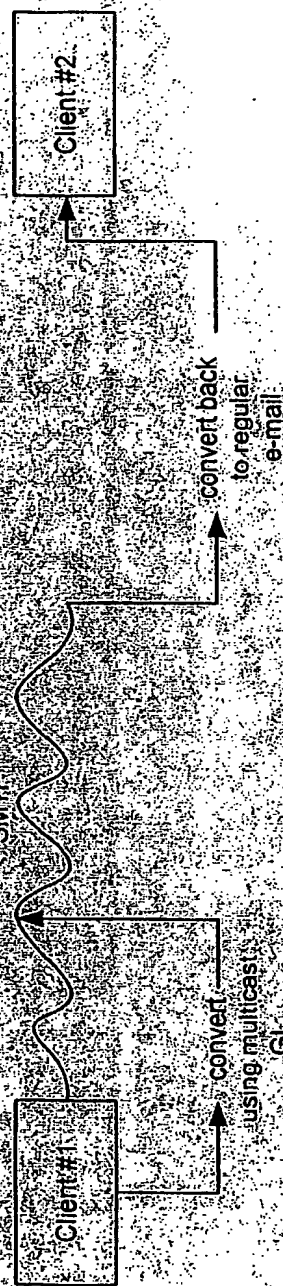


Fig. 23

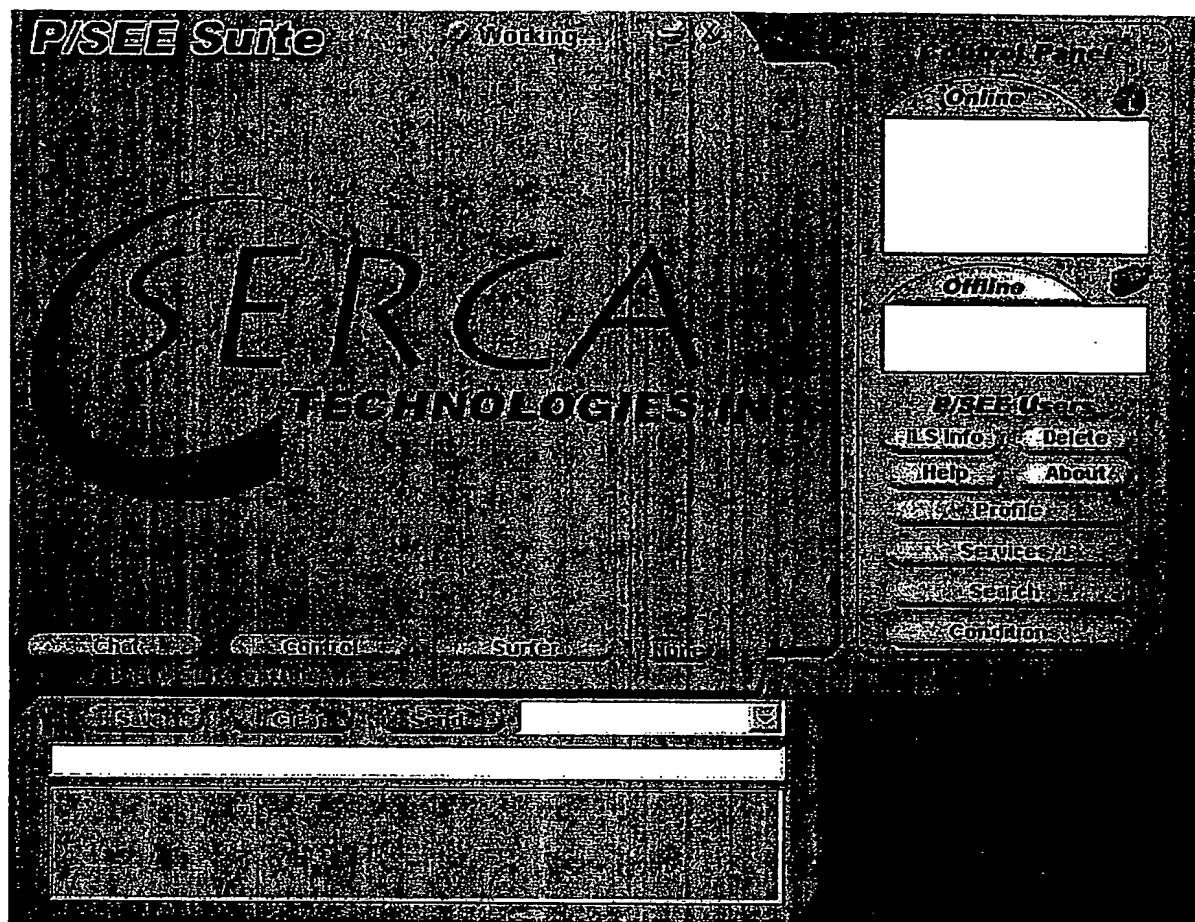


Fig. 24

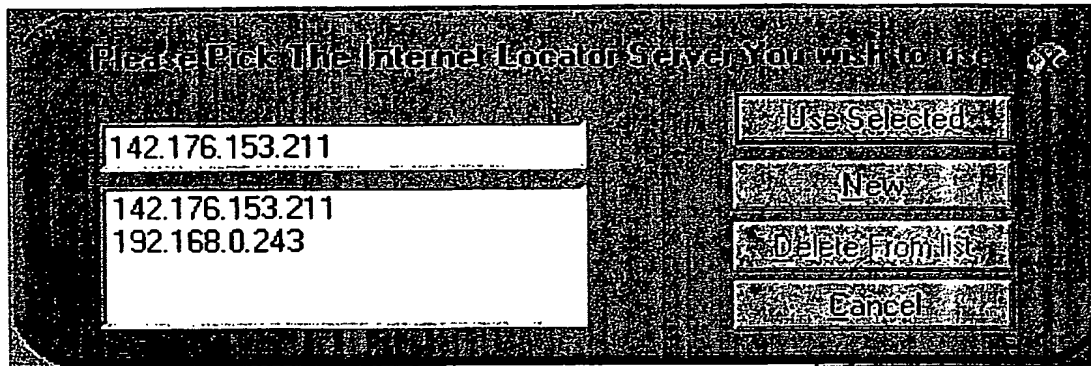


Fig. 25

User Profiles

First Name	Last Name	Nick Name
Steve	Me	Wednesday
Street	City	
lkj	lkj	
State/Province	Country	
654	USA	
Zip/Postal Region	Phone	
56465-4654	(654) 654-6546	
Company	Company Phone	
654654	(654) 654-6546	

☒ Make personal details

Fig. 26

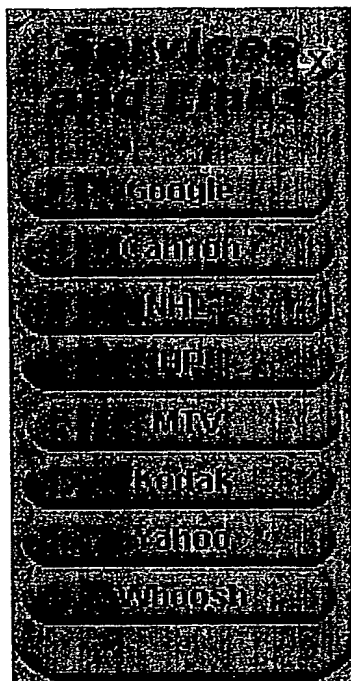


Fig. 27

Search for...

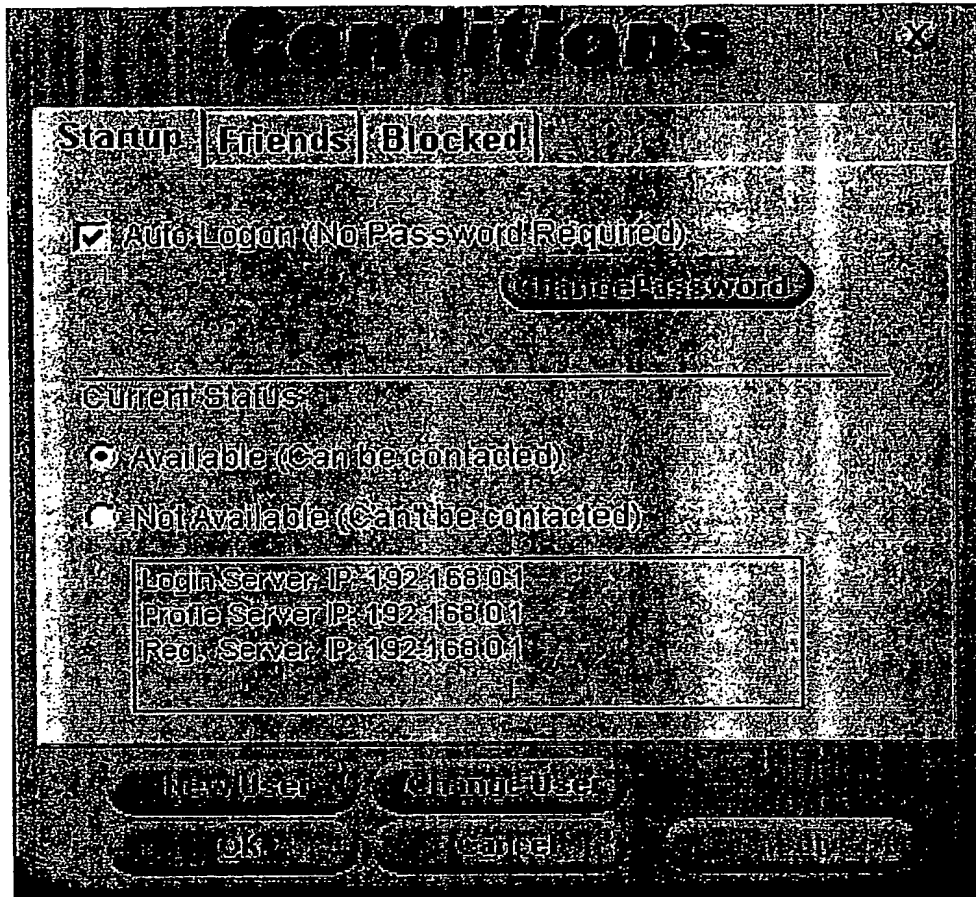
First Name Last Name Nickname

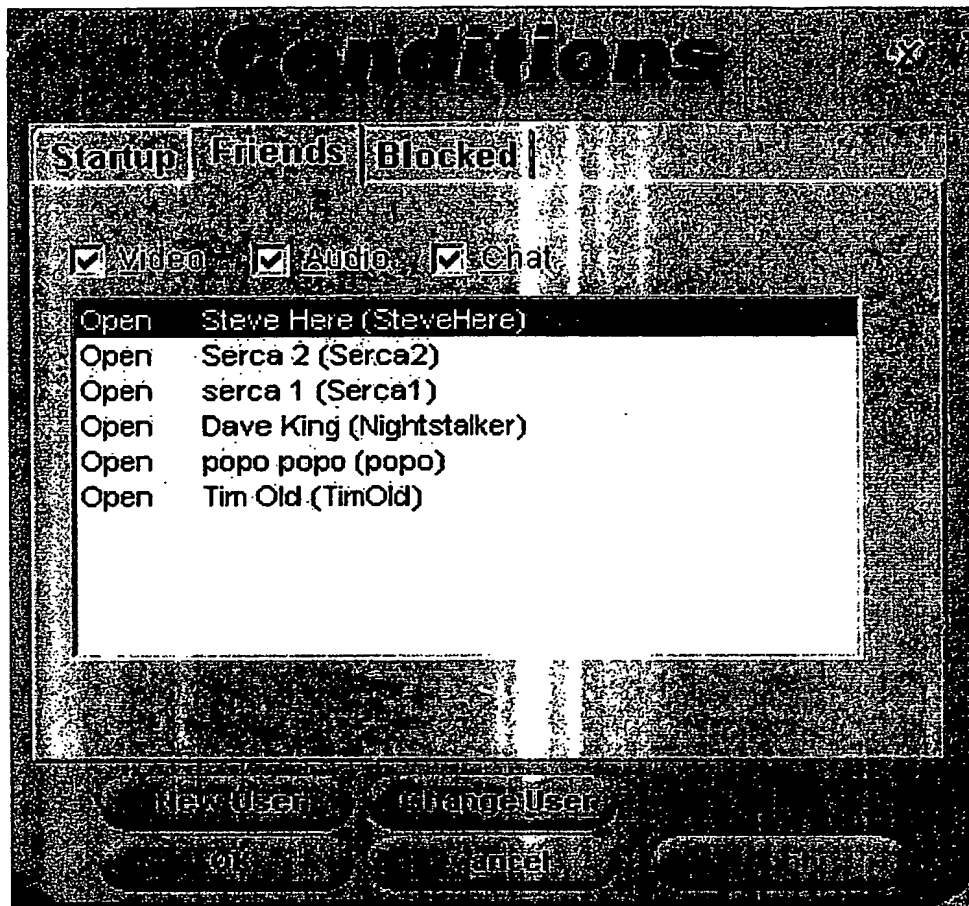
Search

After the "Search" is complete, just click the person you wish to add to your friend list in the box below.

Close

Fig. 28

**Fig. 29**

**Fig. 30**

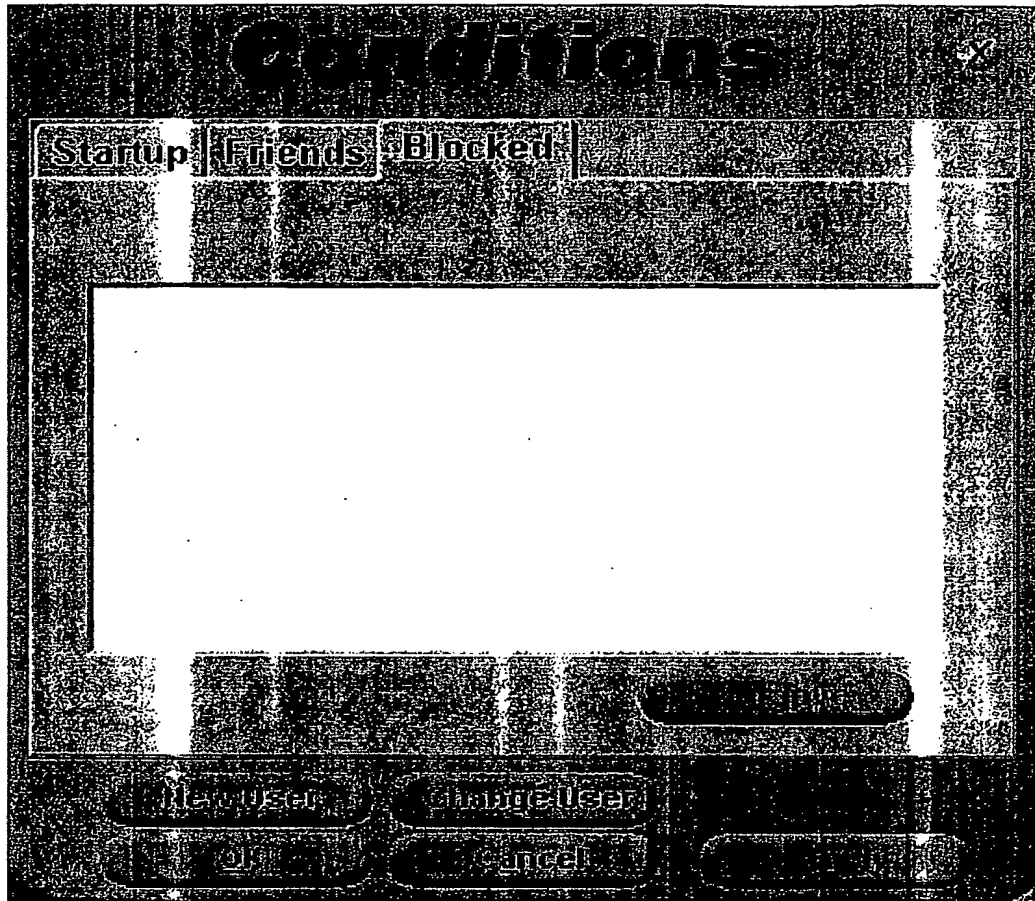
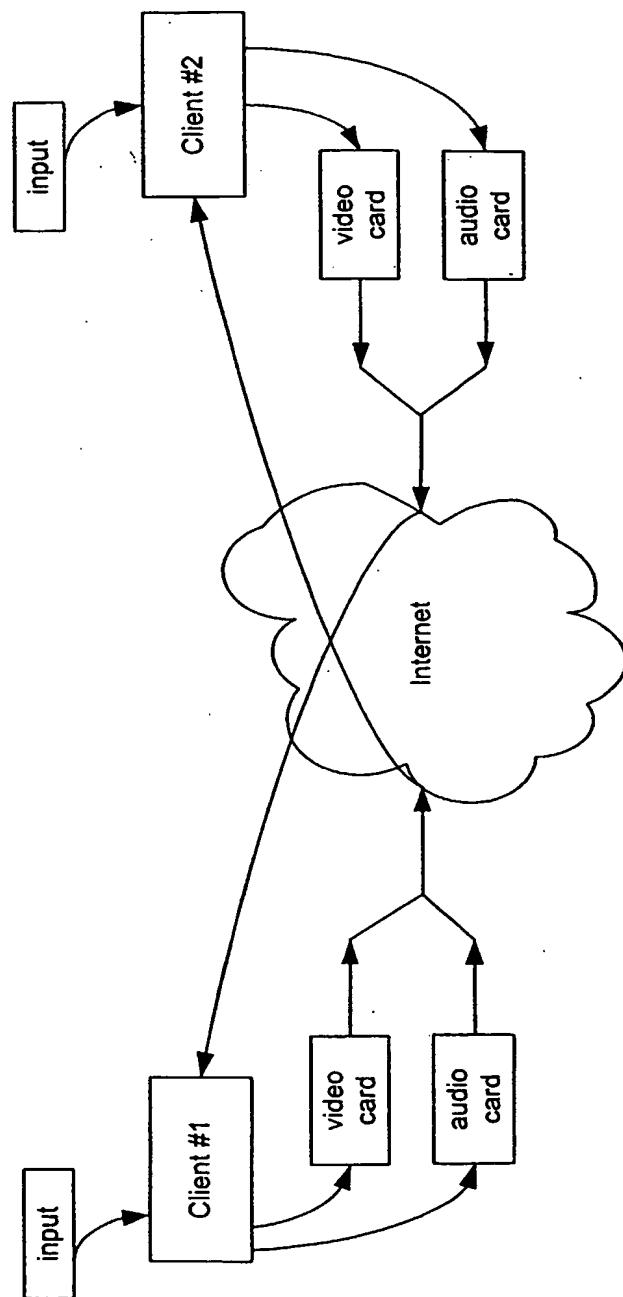


Fig. 31

**Fig. 32**

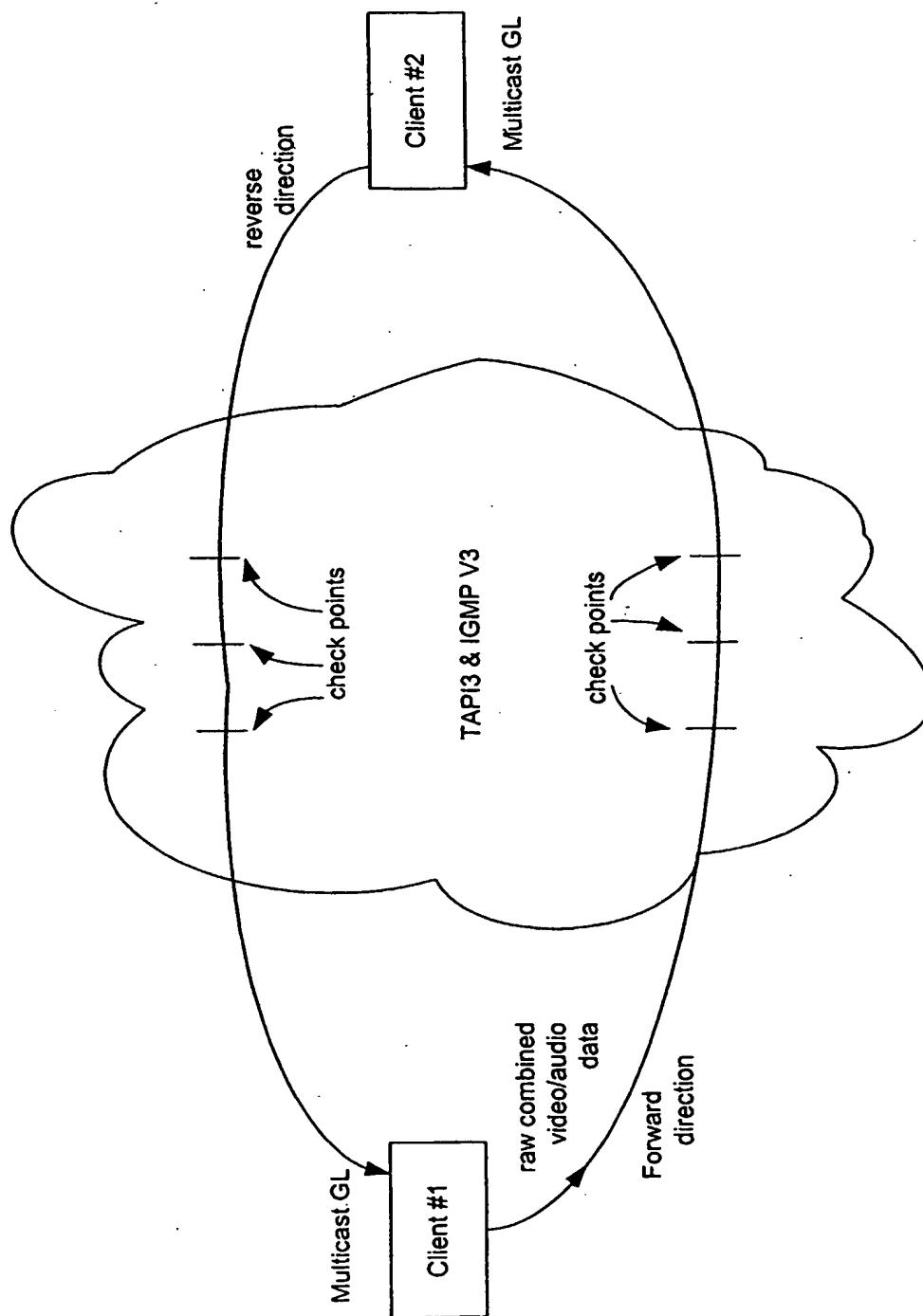


Fig. 33

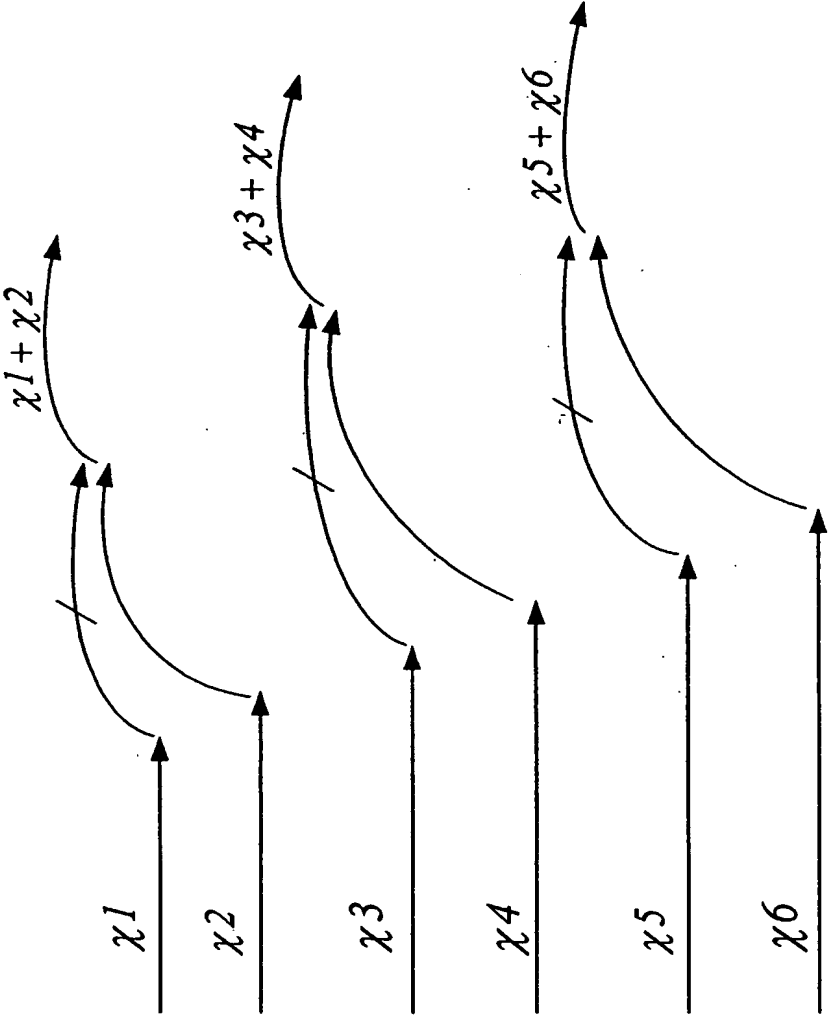
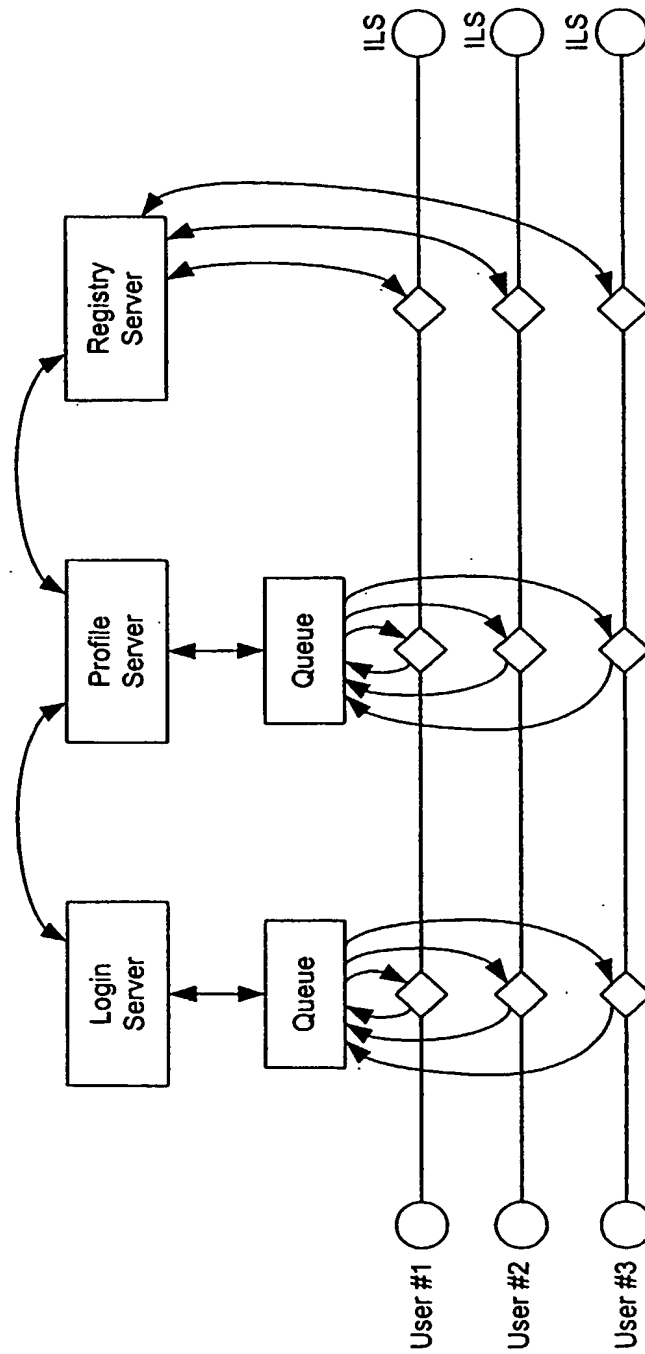


Fig. 34

**Fig. 35**

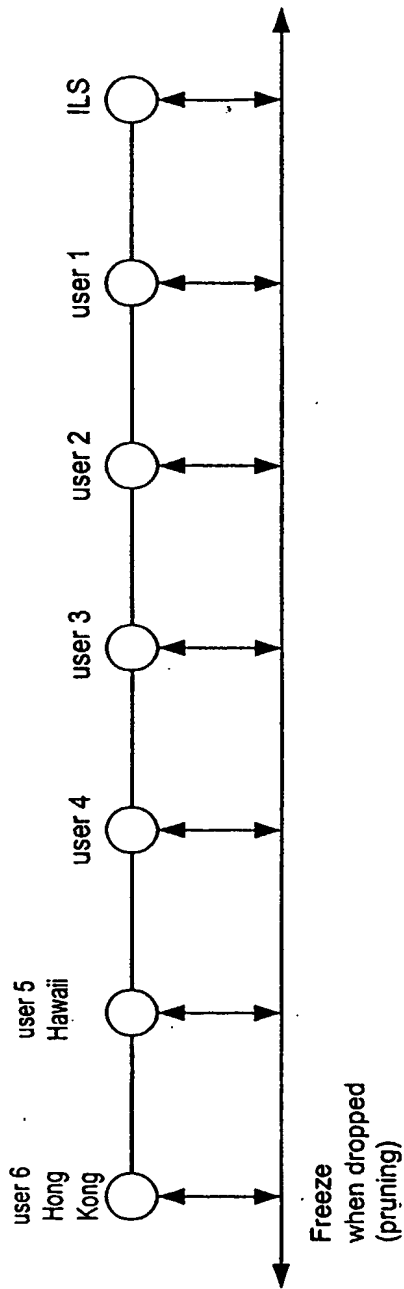
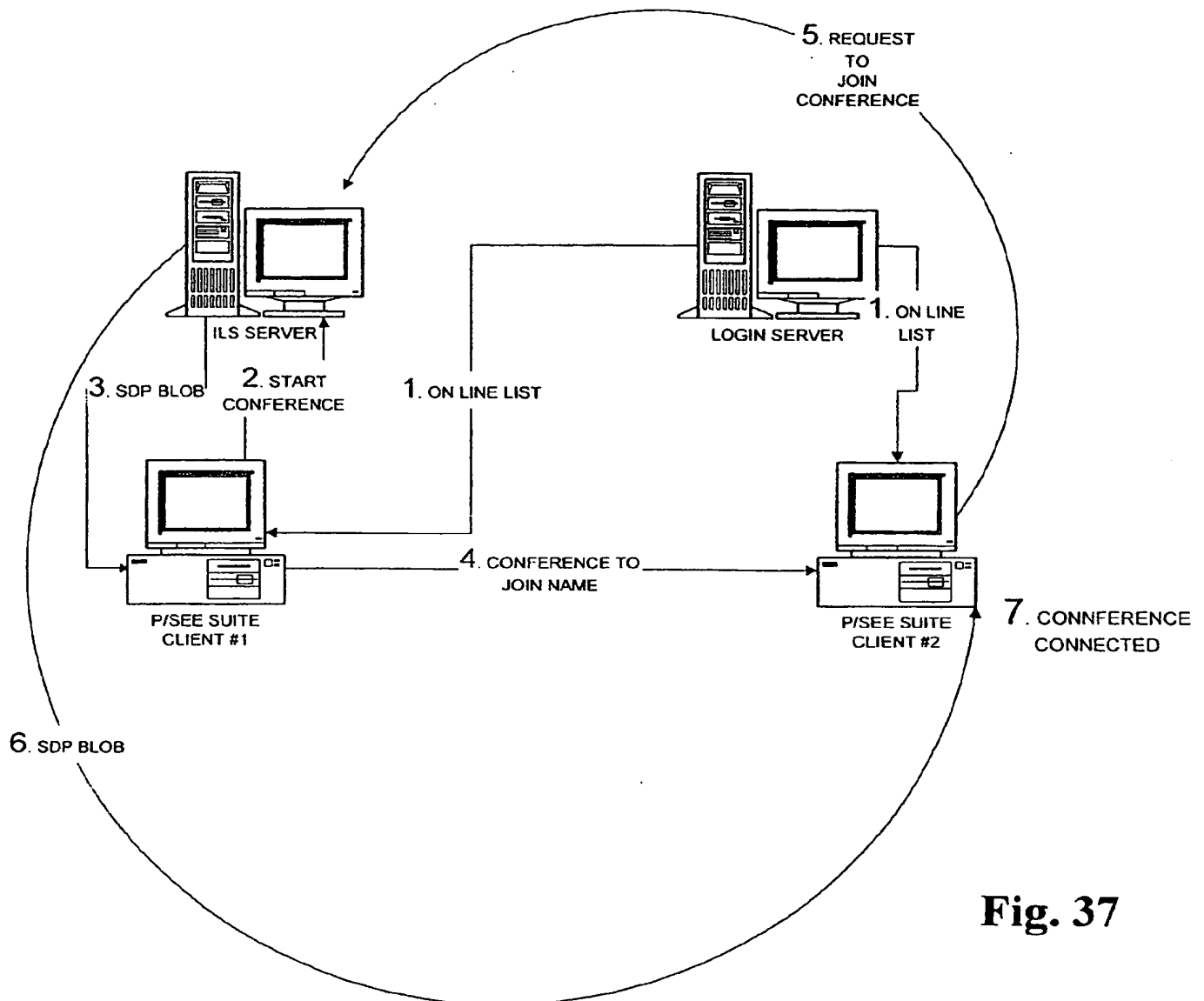


Fig. 36

P/SEE SUITE[™] INTRANET COMMUNICATIONS**Fig. 37****STEPS:**

1. On-line list is sent to each client
2. Client #1 starts conference
3. SDP BLOB* is sent to client #1
4. Conference name is sent to client #2
5. Client #2 requests conference name SDP BLOB*
- 6 SDP BLOB* is sent to client #2
7. Conference connected

* SDP BLOB contains specific information about each conference

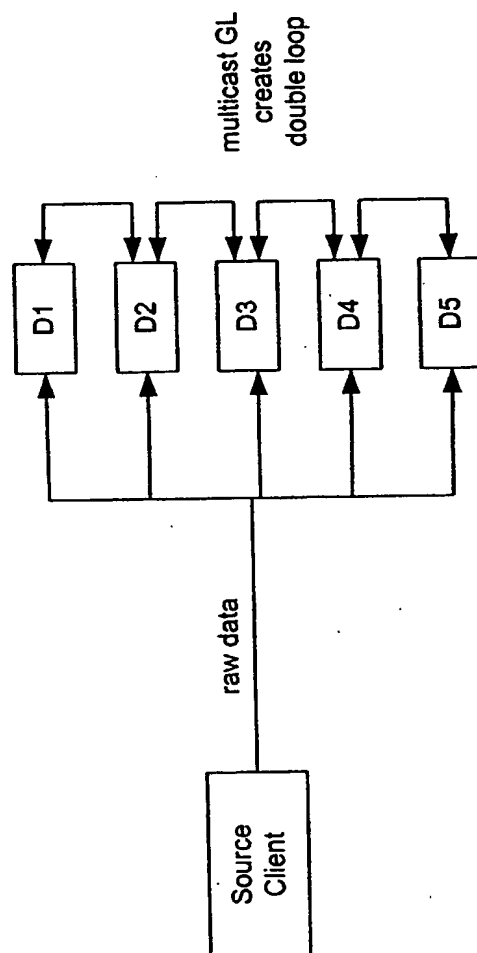


Fig. 38

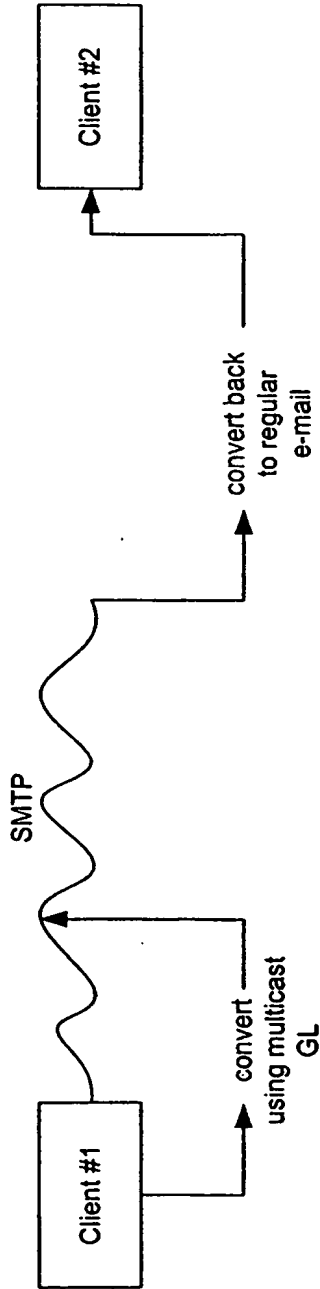
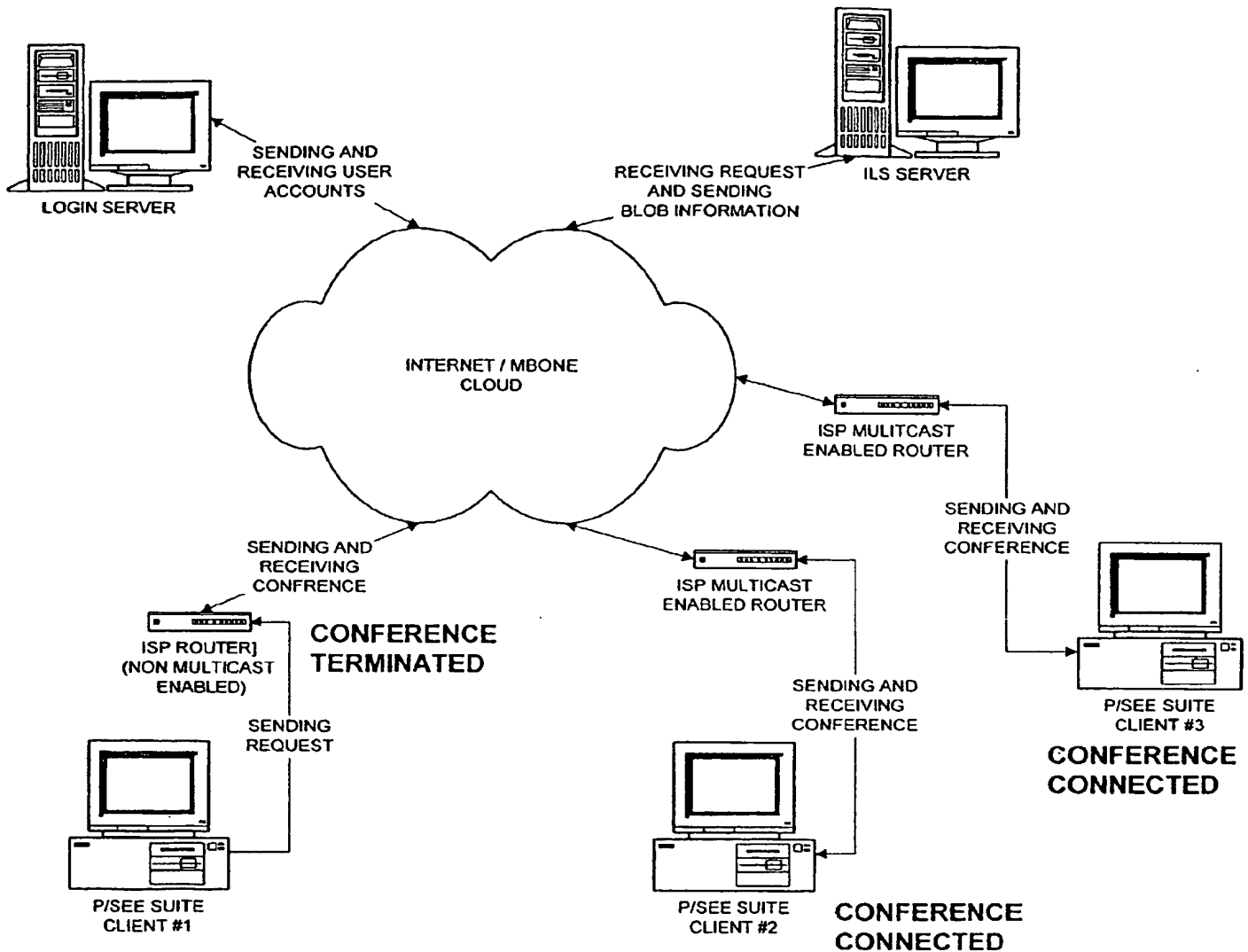


Fig. 39

P/SEE SUITE INTERNET COMMUNICATIONS



Clients #2 and #3 can join / create a conference without difficulty because their ISP uses a multicast enabled router.

Client #1 will not be able to join / create a conference because their ISP does not use a multicast enabled router.

Fig. 40

P/SEE SUITE INTERNET COMMUNICATIONS SOLUTION

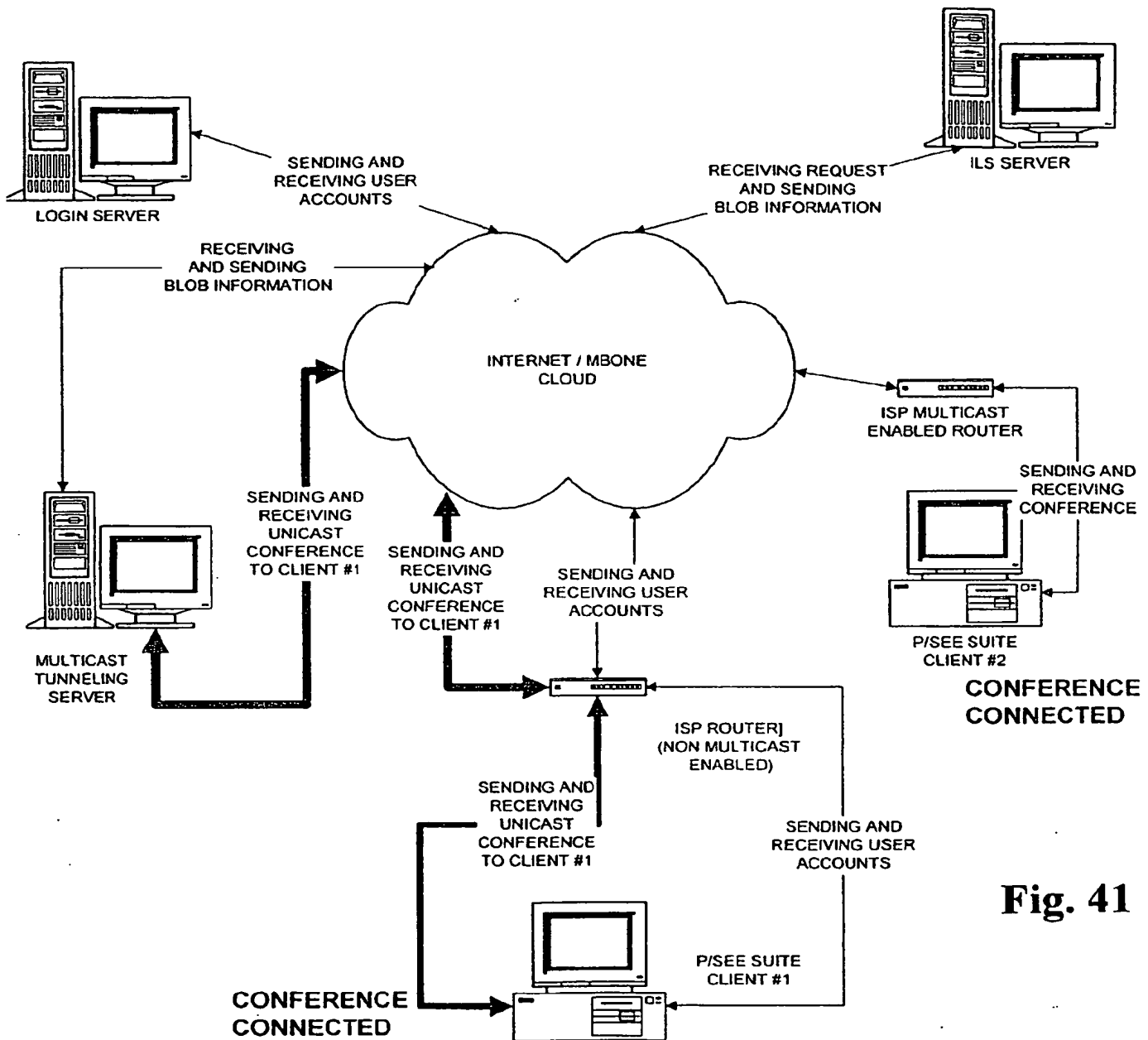


Fig. 41

Client #2 can join / create a conference without difficulty because their ISP uses a multicast enabled router.

Client #1 will be able to join / create a conference via a Multicast Tunneling Server.

The Multicast Tunneling Server receives a multicast IP and converts it to a standard unicast IP allowing non multicasting routers to receive and transmit the single.

MULTICAST

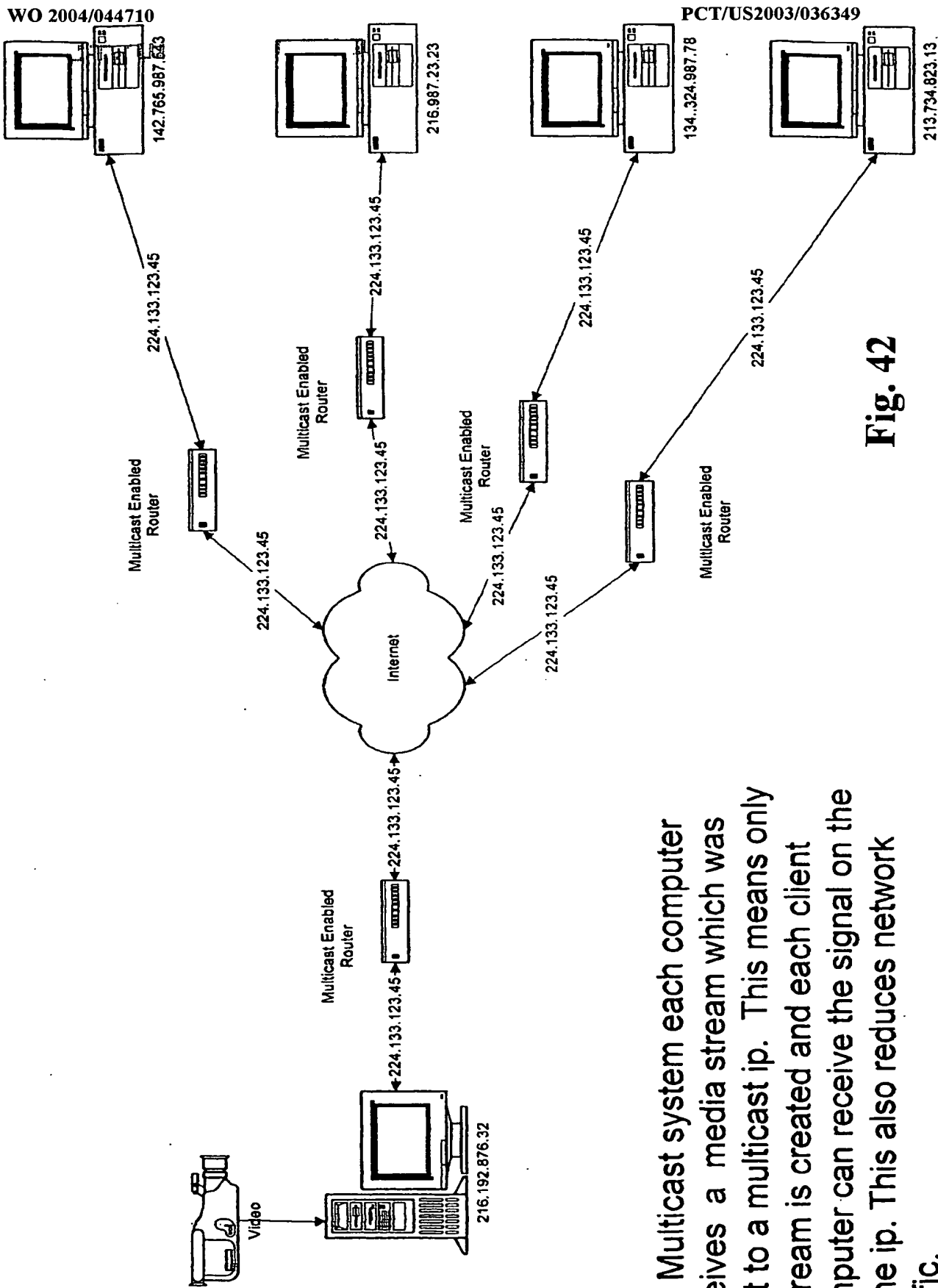


Fig. 42

In a Multicast system each computer receives a media stream which was sent to a multicast ip. This means only 1 stream is created and each client computer can receive the signal on the same ip. This also reduces network traffic.

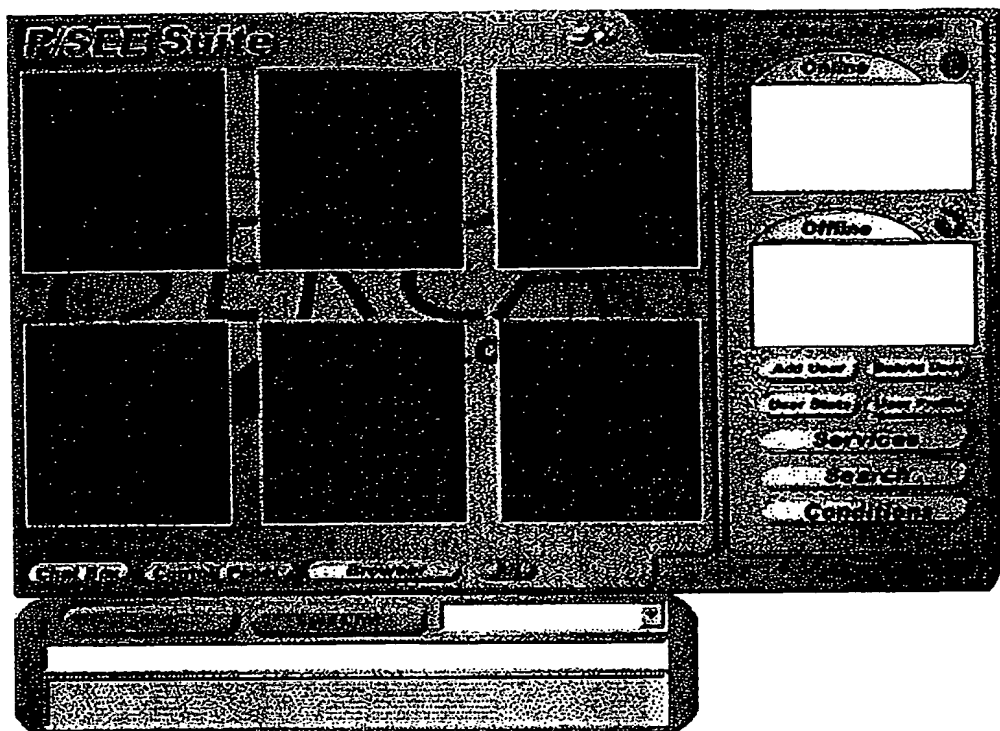


Fig. 43

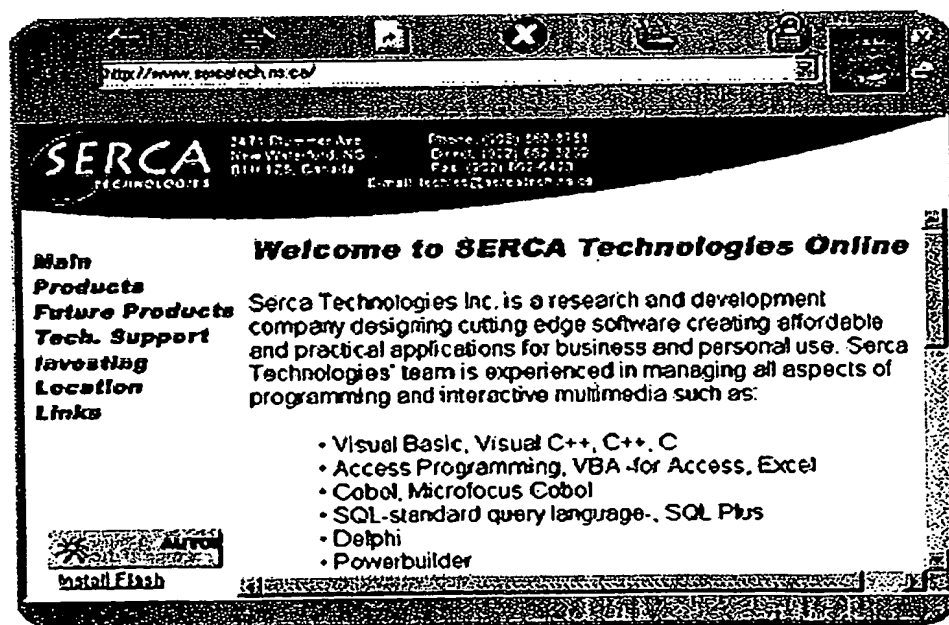


Fig. 44

P/SEE Podium

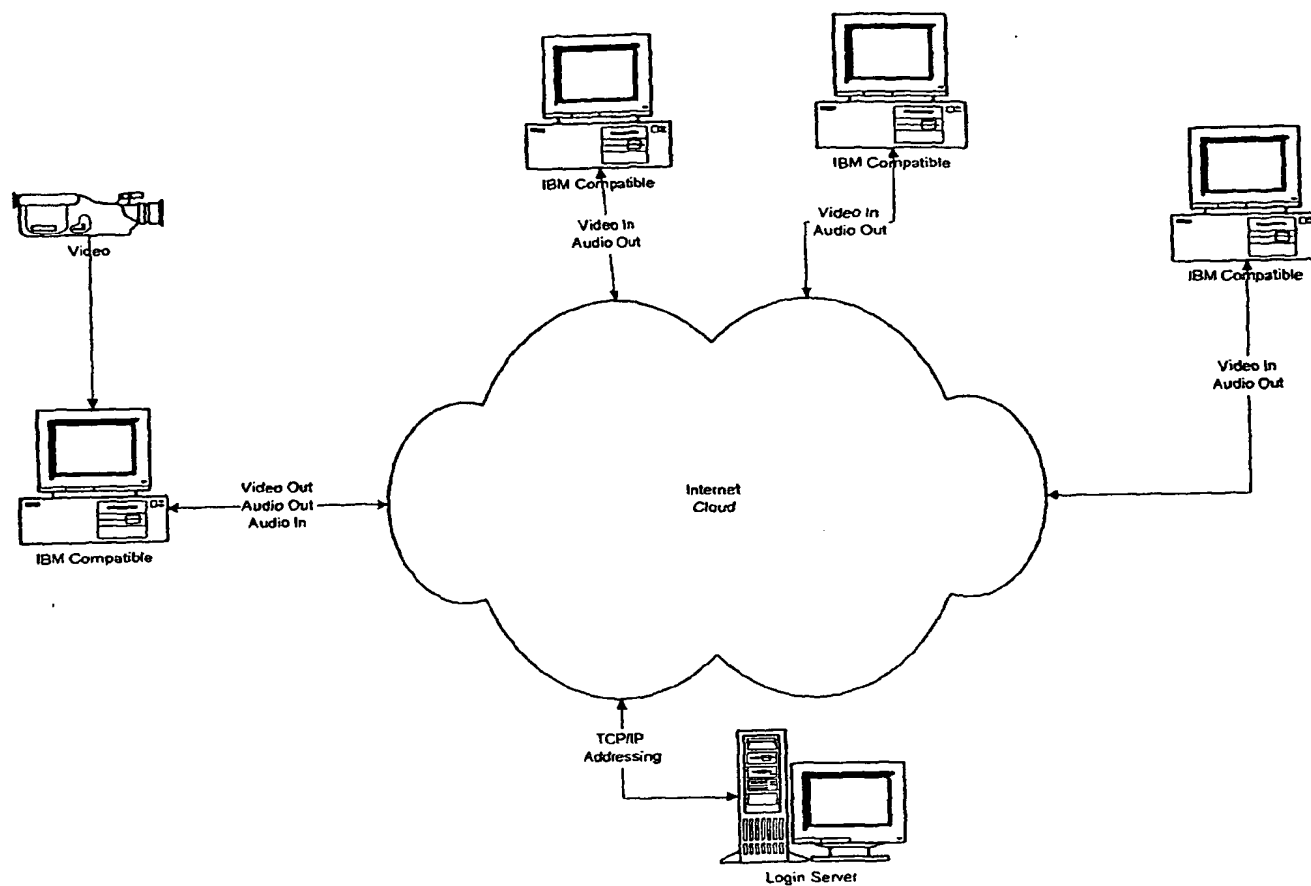


Fig. 45

Always Active
Every 1/2 second

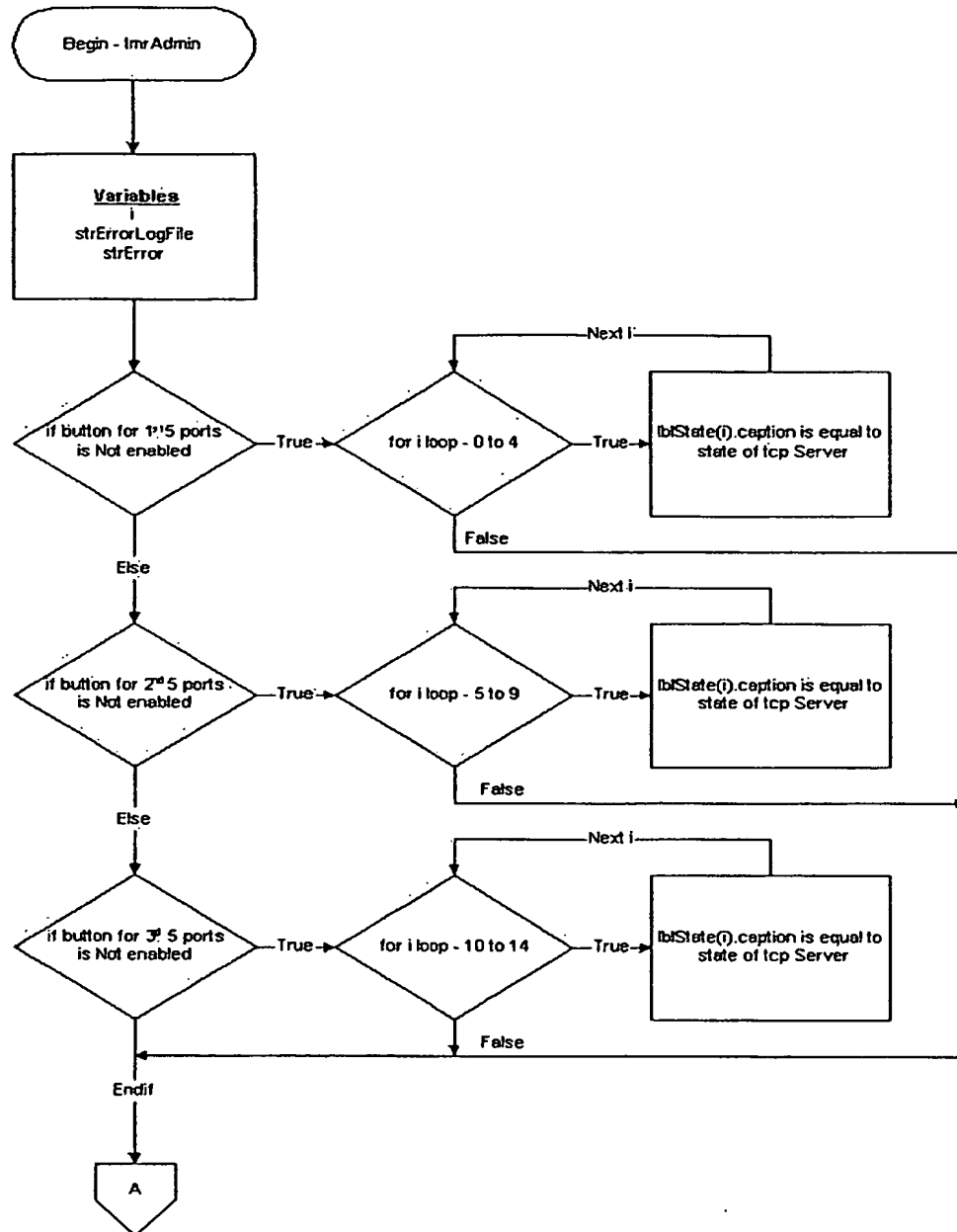


Fig. 46

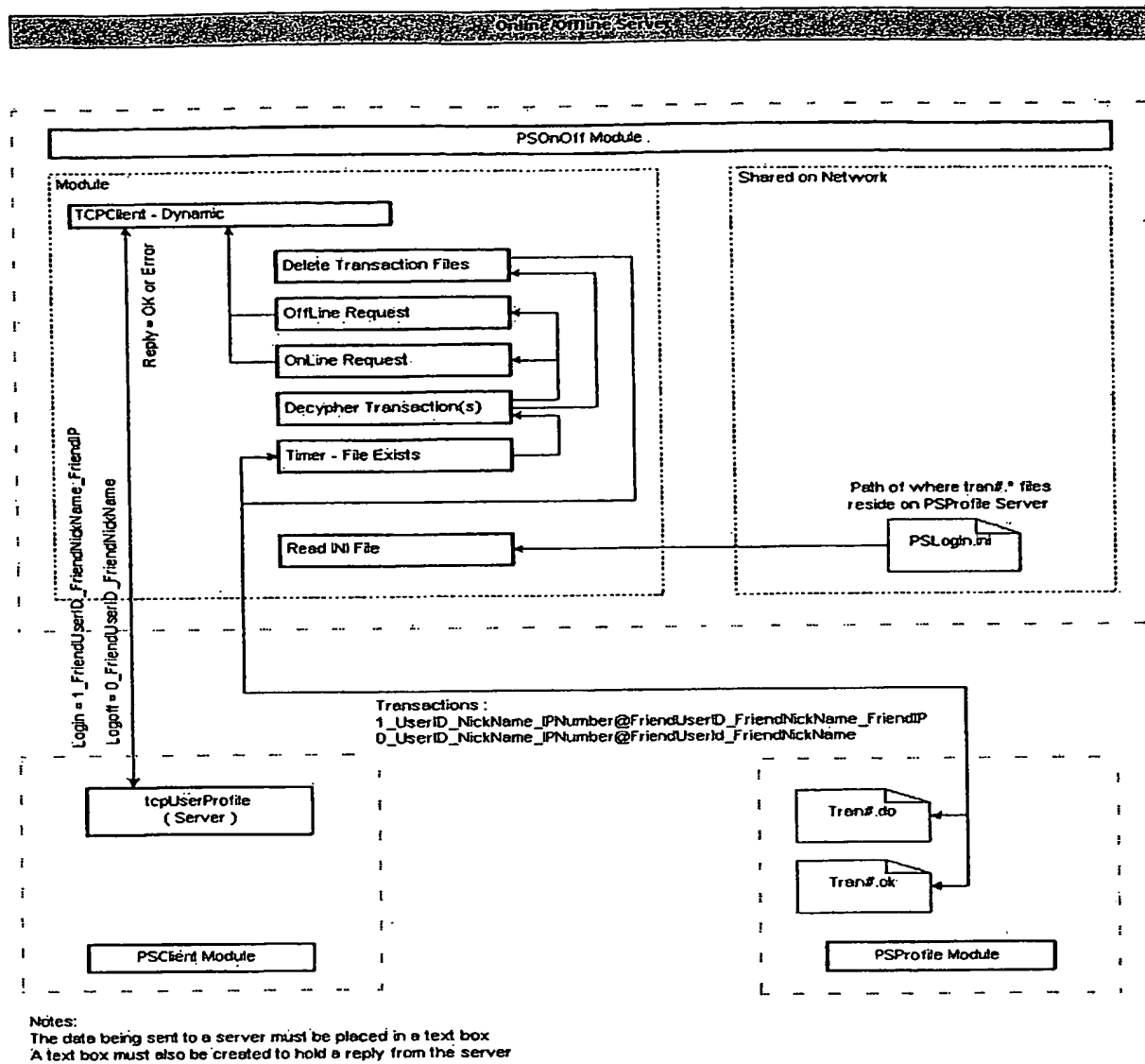
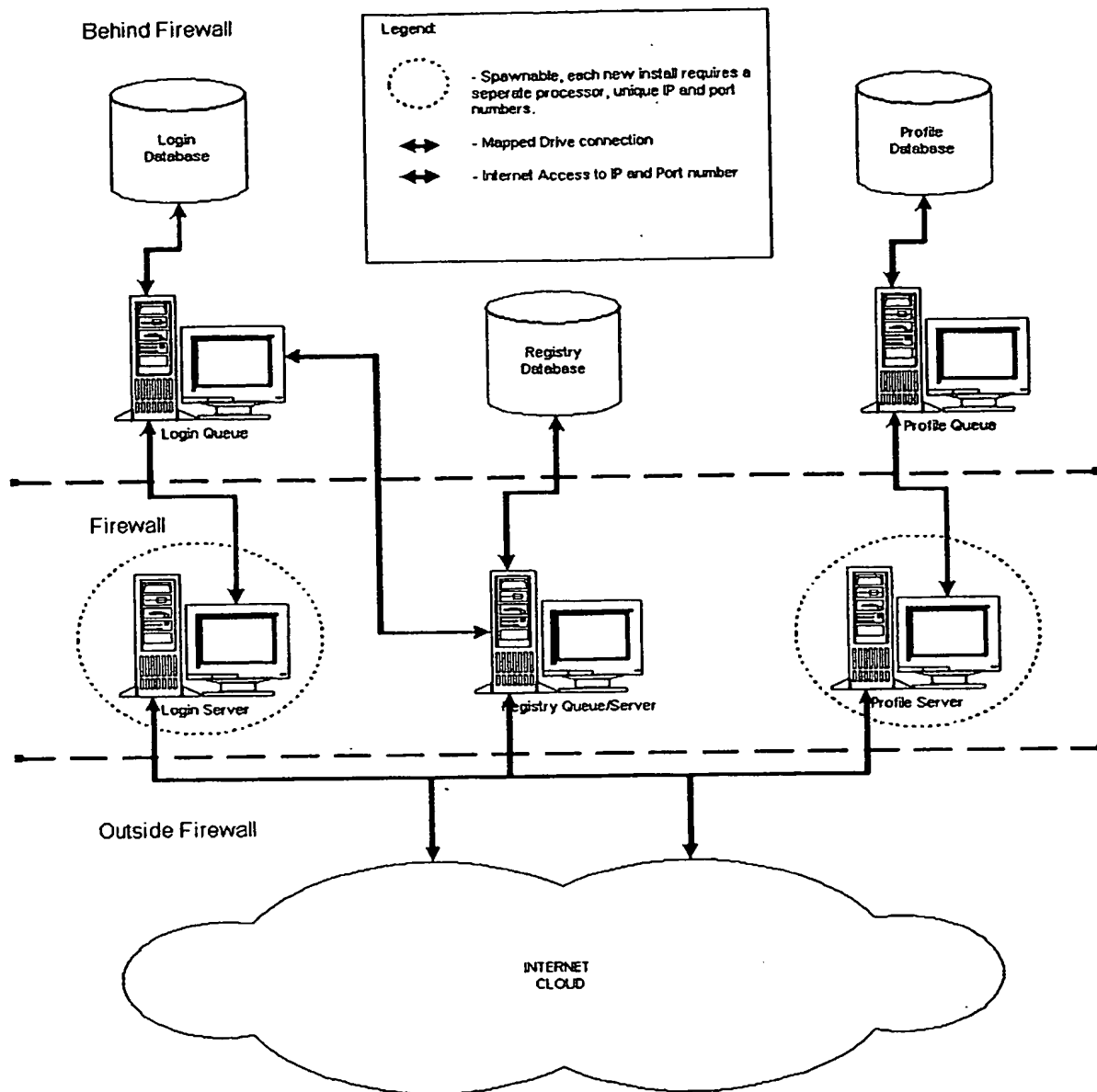
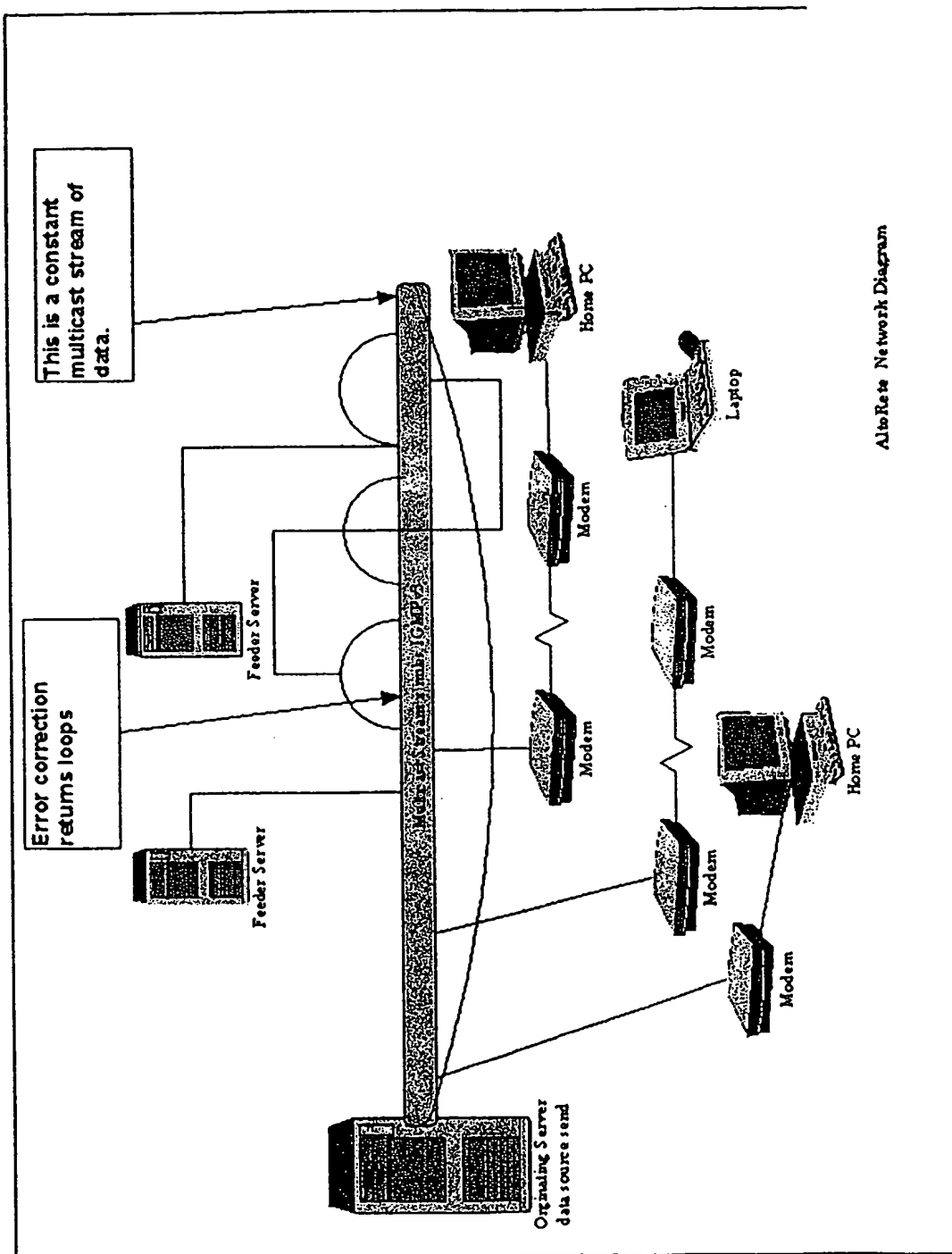


Fig. 47

P/See Suite Back End Requirements**Fig. 48**



Alternate Network Diagram

Fig. 49

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